R- W

Distinctive Garage Door Hardware

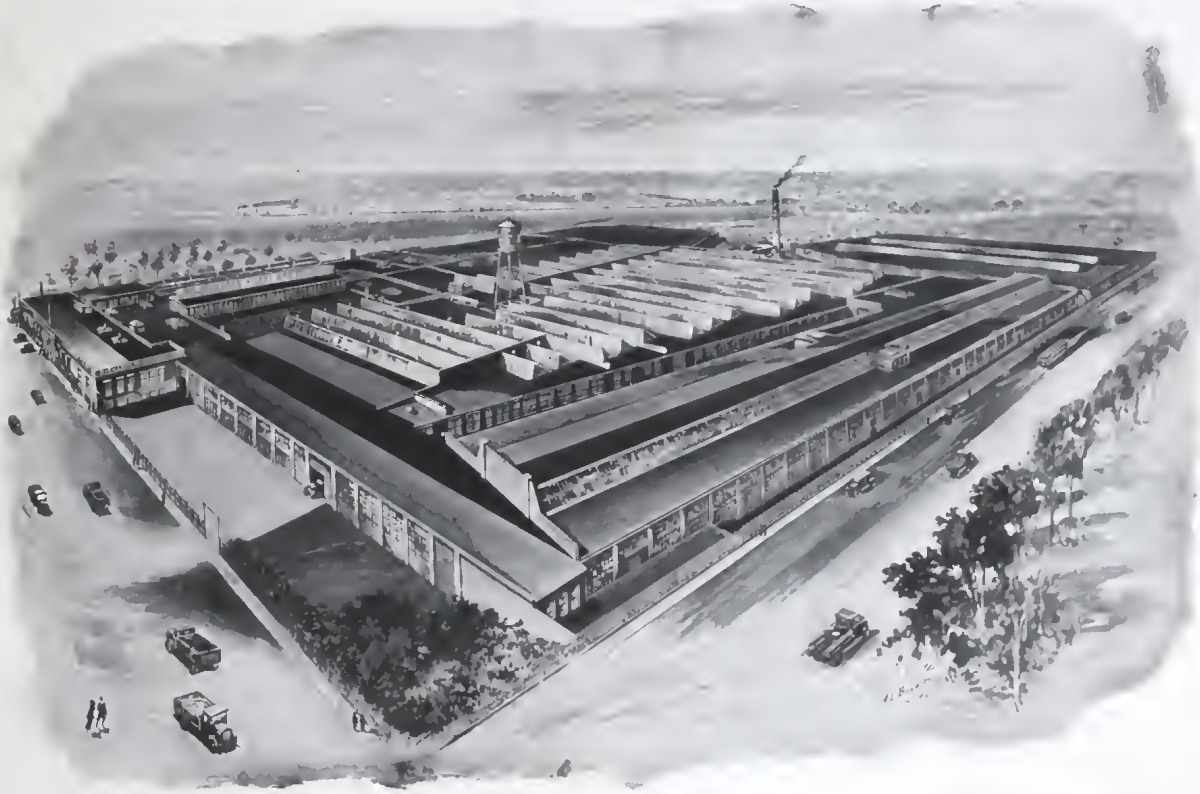
Contents

"A Hanger for any Door that Slides"

Richards-Wilcox

GARAGE DOOR HARDWARE

Catalog No. A-29



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Canadian Plant
Richards-Wilcox Canadian Co., Ltd. . . . . London, Ont.
Branch Offices at Winnipeg and Montreal

The R-W Line

SLIDING door hangers for garages, barns, warehouses, residences, class-room partitions in schools, churches, club rooms and halls—Elevator door equipment—Automatic fire doors and fixtures—Multifold window hardware—Overhead trolley carrying systems—Rolling store ladders—Mounted grindstones, family grindstones, Emery grinders—Manual Training Benches, Wood-worker's Vises—Steel folding builders' brackets—Wagon jacks—Wire fence stretchers—Sliding door locks—Expansion bolts—Toggle bolts—Door holders—Stay rollers—Corner irons—Foot scrapers—Automobile turntables—Portable cranes—Screw presses—Hardware specialties.

"A Hanger for Any Door That Slides"

Allow us to send you illustrated special catalogs covering individual lines mentioned above in which you are interested.

Slidetite

Patented

R-W No. 435

Garage Door Hardware

For Any Garage Doorway, Private or Public, Large or Small

Fig. A-497—A typical "Slidetite" doorway. This garage accommodates two cars. The doorway is equipped with a "Slidetite" 6-door set of hardware, which provides for an entrance door without an additional doorway.

Slidetite meets the demand for a fixture that will allow hinge doors to fold and slide inside or outside of building, requiring only minimum space.

Doors fit perfectly tight, are weatherproof, cannot sag, and will not warp.

Will stand at any angle or parallel with front walls, depending, however, upon the width of wall space adjoining the opening, and giving absolute clearance from jamb to jamb (see lower illustrations of floor plans).

Slidetite gives a clear opening 8 feet to 30 feet wide.

Made in sets for 3, 4, 5, 6, 7, 8, 9 or 10 doors not over 3 feet wide in one doorway.

Makes possible use of doors corresponding with the architecture of the residence with which the garage is associated.

Slidetite is furnished in three weights of hardware: Light Weight for doors weighing up to 125 pounds each. Medium Weight for doors weighing between 125-200 pounds each, and Heavy Weight for doors weighing more than 200 pounds each. Not recommended for doors over 3 feet in width.

Equipment consists of steel trolley track, roller bearing door hangers, bolts, brackets, floor guides, hinges, bow handle and tie rods.

Intermediate and end brackets are adjustable. Brackets are swiveled to permit track to be set at angle suitable to thickness of doors. Hangers support and guide the end of the doors and prevent sagging. Vertical adjustment. Ball-bearing swivel pendants. Steel wheels. Several types of bolts are furnished, for same see pages 55, 56 and 57.

Direction Sheet showing erection details furnished with each order.

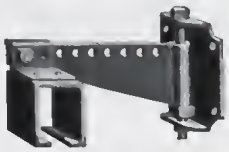
Slidetite

Patented

R-W No. 435

Parts for 3 to 6 Door Equipment

Door Holder
No. 119



End Bracket
No. 1035-E

Intermediate
Bracket No. 1035-I

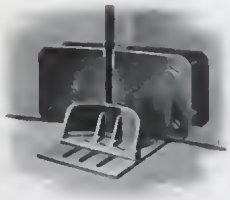
Center Bracket
No. 435-C

Tie Rod With
Pintle and Pin
No. 435

Hanger
No. 435

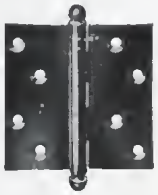
Trolley Track
No. 435x31

Surface Hinge
No. 435



Floor Guide No. 271 With Bumper
Shoe No. 435-72

Half Surface Butt Hinge
No. 311. Used Only
With Nos. 31 and 35
Track



Butt Hinge
No. 435

Bow Handle
No 81-1

Detail of Hardware and List Price of Parts

DESCRIPTION	With No. 31 Track For doors weighing up to 125 lbs. each			With No. 35 Track For doors weighing up to 125 lbs each			With No. 232 Track For doors weighing 125 to 200 lbs. each			With No. 33 Track For doors weighing more than 200 lbs. each.		
	Number	Price	Shipping Wt, lbs.	Number	Price	Shipping Wt., lbs.	Number	Price	Shipping Wt, lbs	Number	Price	Shipping Wt., lbs
Hangers Roller Bearing, each	435-1	$3 50	3½	435-4	$3 50	3½	435-3	$4 50	7¾	435-2	$5 00	8
Center Track Brackets, each	435x31-C	30	1	435x31-C	30	1	435x232-C	80	2¾	435x33-C	1 00	4¼
End Track Brackets, each	1035x31-E	1 00	5	1035x31-E	1 00	5	1035x232-E	3 20	12¼	1035x33-E	3 60	13
Intermediate Track Brackets, each	1035x31-I	70	4¼	1035x31-I	70	4¼	1035x232-I	2 60	9½	1035x33-I	3 40	11
Half Surface Butt Hinges, japanned, per pair	311	1.60	3¾	311	1 60	3¾						
Butt Hinges, japanned, per pair	435-4"	60	1½	435-4"	60	1½	435-5"x5"	1 00	2½	435-5"x5"	1 00	2½
Surface Hinges, japanned, per pair	435-4"x5"	80	2	435-4"x5"	80	2						
Surface Hinges, japanned, per pair							1035-24"	2 20	10½	1035-24"	2 20	10½
*Trolley Track, per foot	435x31	38	1 6	435x35	38	2¼	435x232	68	2¾	435x33	88	3 3
Bow Handle, each	81-1	20	8 Oz.	81-1	20	8 Ox.	81-1	20	8 Oz.	81-1	20	8 Oz
Center Floor Guide, each	271	96	2½	271	96	2½	271	96	2½	271	96	2½
Bumper Sboes, each	435-72	12	5 Ox.	435-72	12	5 Ox.	435-72	12	5 Ox.	435-72	12	5 Oz
Tie Rod with Pintel and Pin for Doors 23"-29" wide, each	435-1	1 30	2	435-1	1 30	2	435-1	1 30	2	435-1	1 30	2
Tie Rod with Pintel and Pin for Doors 30"-36" wide, each	435-2	1 50	2¼	435-2	1 50	2¼	435-2	1 50	2¼	435-2	1 50	2¼
Door Holder, each	119	15	4 Ox.	119	15	4 Ox	119	15	4 Ox.	119	15	4 Ox.

Prices for Complete Sets of Hardware Shown on Pages 5 and 8

Note—For full information concerning Locking Bolts see pages 55, 56 and 57.

*Length of each track equals width of two doors plus approximately one foot.
Three-door and one-track four-door openings require one track, two-track four-door, five-door and six-door openings require two tracks.

Discount

Slidetite

Patented

R-W No. 435

Elevations, Floor Plans and Hardware

For 3-Door, One-Track 4-Door, and Two-Track 4-Door

Garage Door Equipment

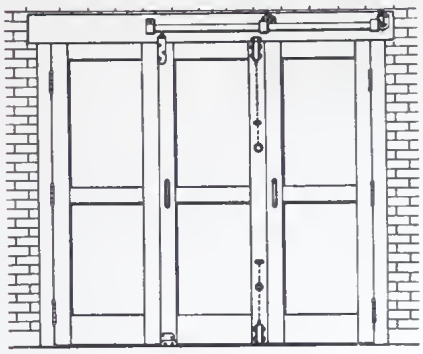


*Fig. A-498—Elevation showing proper location of "Slidetite" three-door hardware including R-W No. 514 Bolts.

3-Door

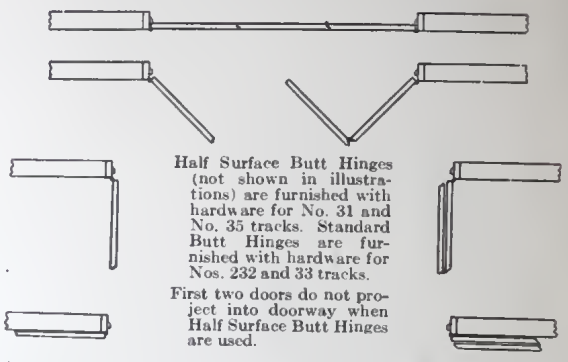


Fig. A-501—Floor plans of three-door "Slidetite" doorway, showing (1) doors closed, (2) doors partially opened, (3) doors open parallel with side walls, (4) doors open parallel with front wall, giving absolute clearance from jamb to jamb.

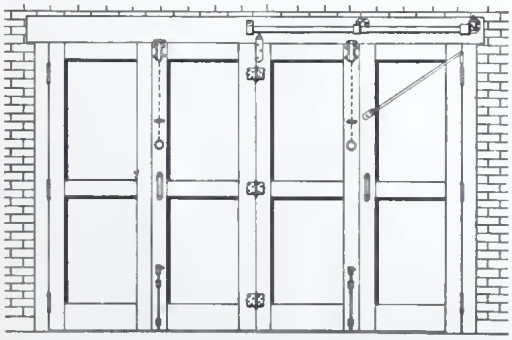


*Fig. A-499—Elevation showing proper location of "Slidetite" one-track four-door hardware, including No. 514 Bolts with No. 524 Cane Bolts.

One-Track 4-Door

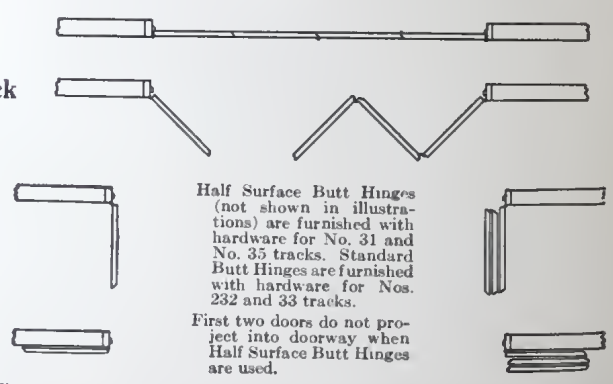


Fig. A-502—Floor plans of one-track four-door "Slidetite" doorway, showing (1) doors closed, (2) doors partially opened, (3) doors open parallel with side walls, (4) doors open parallel with front wall, giving absolute clearance from jamb to jamb.

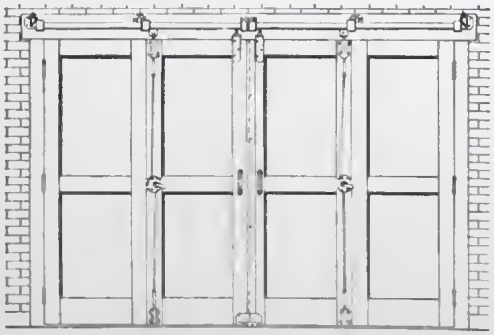


*Fig. A-500—Elevation showing proper location of "Slidetite" two-track four-door hardware, including No. 517 Cremone Bolts.

Two-Track 4-Door

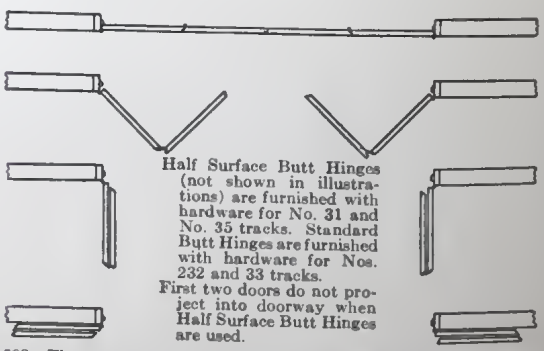


Fig. A-503—Floor plans of two-track four-door "Slidetite" doorway, showing (1) doors closed, (2) doors partially opened, (3) doors open parallel with side walls, (4) doors open parallel with front wall, giving absolute clearance from jamb to jamb.

*Note—This Door Set can be furnished with any of the following Bolts: Nos. 514, 514-524, 417, 517 or 617. See pages 57-59.

R-W No. 435 *Slidetite* For 5 and 6 Doors

Patented

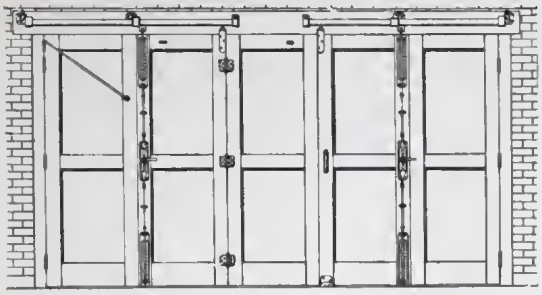


*Fig. A-505—Elevation showing proper location of "Slidetite" five-door hardware including No. 617 Cremone Bolts.

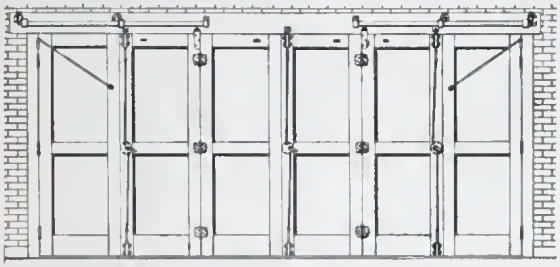
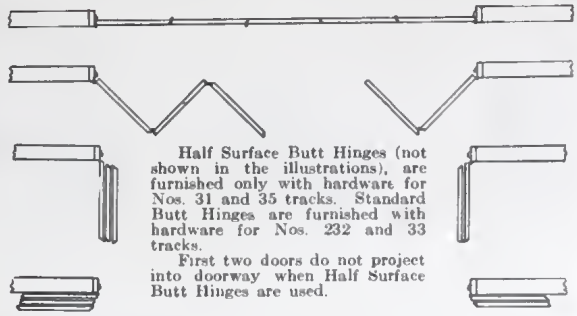


*Fig. A-506—Elevation showing proper location of "Slidetite" six-door hardware, including No. 517 Cremone Bolts.

5 Door



Half Surface Butt Hinges (not shown in the illustrations), are furnished only with hardware for Nos. 31 and 35 tracks. Standard Butt Hinges are furnished with hardware for Nos. 232 and 33 tracks.

First two doors do not project into doorway when Half Surface Butt Hinges are used.

Fig. A-507—Floor plans of five-door "Slidetite" doorway, showing (1) doors closed, (2) doors partially opened, (3) doors open parallel with side walls, (4) doors open parallel with front wall, giving absolute clearance from jamb to jamb.

6 Door

Half Surface Butt Hinges (not shown in the illustrations), are furnished only with hardware for Nos. 31 and 35 tracks. Standard Butt Hinges are furnished with hardware for Nos. 232 and 33 tracks.

First two doors do not project into doorway when Half Surface Butt Hinges are used.

Fig. A-508—Floor plans of six-door "Slidetite" doorway, showing (1) doors closed, (2) doors partially opened, (3) doors open parallel with side walls, (4) doors open parallel with front wall, giving absolute clearance from jamb to jamb.

*Note—This Door Set can be furnished with any of the following Bolts: Nos. 514, 514-524, 417, 517 or 617. See pages 56 and 57.

List Price for Complete Sets (3 to 6 Door Sets)

DESCRIPTION	With No. 514 Spring Bolts		With No. 514 Spring Bolts and No 524 Cane Bolts		With No 417 Top and Bottom Bolts for Doors up to 9′ high		With No. 517 Garage Cremone Bolts, Adjustable for Doors up to 8′ high		With No. 517 Garage Cremone Bolts, Adjustable for Doors 8′1″ to 9′ high		With No 517 Garage Cremone Bolts, Adjustable for Doors 9′1″ to 10′ high		With No 617 Garage Cremone Bolts, Adjustable for Doors up to 10′ high	
	List Price	Shipping Wt., Lbs.	List Price	Shipping Wt., Lbs.	List Price	Shipping Wt., Lbs.	List Price	Shipping Wt., Lbs.	List Price	Shipping Wt., Lbs.	List Price	Shipping Wt., Lbs	List Price	Shipping Wt., Lbs
Three-Door Set No. 435, opening not to exceed 9′ wide:														
With Nos. 31 or 35 Track—for doors weighing up to 125 lbs., each.	$14.00	40	$14 00	49	$15 40	54	$17 00	56	$17 60	56	$17 80	57	$21 50	58
With No. 232 Track—for doors weighing between 125-200 lbs., each	21 30	82	21.30	83	23 20	87	24 80	89	25 40	89	25 60	90	29 30	91
With No. 33 Track—for doors weighing more than 200 lbs., each .	24 50	102	24 50	103	26 90	108	28 50	110	29.10	110	29 30	111	33 00	112
One-Track Four-Door Set No. 435, opening not to exceed 12′ wide:														
With Nos. 31 or 35 Track—for doors weighing up to 125 lbs., each.	16 00	55	16 00	56	19 05	63	22.25	70	22 85	70	23 05	71	31 25	74
With No. 232 Track—for doors weighing between 125-200 lbs., each	24 60	89	24 60	90	28 40	97	31 60	105	32 80	105	33 20	105	40 60	109
With No. 33 Track—for doors weighing more than 200 lbs., each...	28 20	108	28.20	109	32.30	115	35 50	125	36 70	125	37 10	126	44 50	129
Two-Track Four-Door Set No 435, opening not to exceed 12′ wide:														
With Nos. 31 or 35 Track—for doors weighing up to 125 lbs., each	21 00	83	21 00	84	22 80	90	26 00	97	27 20	97	27 60	98	35 00	102
With No. 232 Track—for doors weighing between 125-200 lbs., each	39 50	139	39 50	141	43 30	147	46 50	154	47 70	154	48 10	155	55 50	159
With No. 33 Track—for doors weighing more than 200 lbs., each .	46 00	156	46 00	158	49 80	164	53.00	170	54 20	170	54 60	171	62.00	175
Five-Door Set No. 435, opening not to exceed 15′ wide:														
With Nos. 31 or 35 Track—for doors weighing up to 125 lbs., each	24 50	89	24 50	90	26 80	97	29 00	103	30 20	103	30 60	104	38 00	107
With No. 232 Track—for doors weighing between 125-200 lbs., each	42 50	149	42 50	151	47 30	158	50 50	166	51.70	166	52 10	167	59 50	170
With No. 33 Track—for doors weighing more than 200 lbs., each.	49 00	166	49 00	168	53 80	177	57 00	186	58 20	186	58 60	187	66 00	190
Six-Door Set No. 435, opening not to exceed 18′ wide:														
With No. 31 Track—for doors weighing up to 125 lbs., each....	28 00	93	28 00	95	31 20	105	36 00	116	37 80	166	38 40	117	49 50	121
With No. 232 Track—for doors weighing between 125-200 lbs., each	43 50	154	43 50	156	49 70	165	54 50	174	56 30	174	56 90	175	68 00	179
With No. 33 Track—for doors weighing more than 200 lbs., each	50 00	174	50 00	176	56 20	187	61 00	198	62 80	198	63 40	199	74 50	203

Note—All necessary screws and carriage bolts for fastening hardware is included in above prices.
Above prices apply to hardware for doors opening inside the garage. See page 9 for hardware for doors opening out.

Discount . . . . . .

No. 435 Short Sets for Doors Opening In. Complete as Above Except that Track Locks and Locking Bolts are Omitted

For Track Number	For Doors Weighing Each	3-Door Set		One-track 4-door Set		Two-track 4-door Set		5-door Set		6-door Set	
		List Price	Shipping Wt., Lbs.	List Price	Shipping Wt., Lbs.	List Price	Shipping Wt, Lbs	List Price	Shipping Wt., Lbs.	List Price	Shipping Wt, Lbs
No. 31-35	Up to 125 lbs.....	$10 00	31	$11 00	33	$15 00	48	$17.00	54	$18 00	55
No. 232	125-200 lbs	16 70	62	17 00	69	30 50	105	33 50	110	34 50	115
No. 33	More than 200 lbs.	18 80	68	19 60	75	35 00	115	39 60	125	40 60	130

Example Order for Short Sets—1 Short Set, 5-door, No. 435 "Slidetite" for No. 31 track.

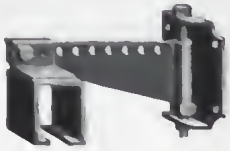
Slidetite

Patented

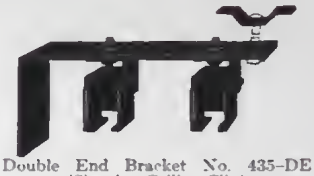
R-W No. 435

Center Bracket
No. 435–C

Intermediate
Bracket No. 1035–I



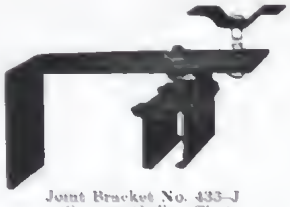
End Bracket
No. 1035–E



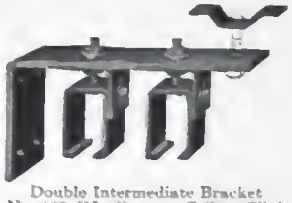
Double End Bracket No. 435–DE
(Showing Ceiling Clip)

Hanger
No. 435

Tie Rod With
Pintle and
Pin No. 435



Joint Bracket No. 435–J
(Showing Ceiling Clip)



Double Intermediate Bracket
No. 435–DI (Showing Ceiling Clip)

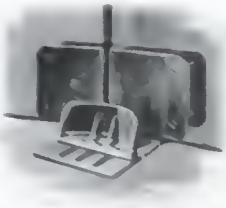
No. 435x31. Trolley Track

Bracket Suspension Bolts not included in regular sets because lengths vary on individual installations.

Ceiling Clips not included in
Price of Brackets

Bow Handle
No. 81

Door Holder
No. 119



Floor Guide No. 271 With
Bumper Shoe No. 435-72

Half Surface Butt Hinge
No 311 Used only with
Nos 31 and 35 Track

Butt Hinge
No. 435

Surface Hinge
No. [illegible]

Detail of Hardware and List Price of Parts

DESCRIPTION	With No. 31 Track For doors weighing up to 125 lbs. each			With No. 35 Track For doors weighing up to 125 lbs. each			With No. 232 Track For doors weighing between 125-200 lbs. each			With No. 33 Track For doors weighing more than 200 lbs. each		
	Number	Price	Shipping Wt., lbs.	Number	Price	Shipping Wt., lbs.	Number	Price	Shipping Wt., lbs.	Number	Price	Shipping Wt., lbs.
Roller Bearing Hangers, each	433–1	$3 50	3 1/2	435–4	$3 50	3 1/2	435–3	$4 50	7 1/4	435–2	$5 00	[illegible]
Center Track Brackets, each	435x31–C	30	1 1/2	435x31–C	30	1 1/2	435x232–C	80	3 1/4	435x33–C	1 00	[illegible]
End Track Brackets, each	1035x31–E	1 00	4	1035x31–E	1 00	4	1035x232–E	3 20	12 1/4	1035x33–E	3 60	[illegible]
Intermediate Track Brackets, each.	1035x31–I	70	3	1035x31–I	70	3	1035x232–I	2 60	9 1/2	1035x33–I	3 40	[illegible]
Double End Bracket, each	435x31–DE	4 00	11 1/2	435x31–DE	4 00	11 1/2	435x232–DE.	5 10	16	435x33–DE	5 40	22
Double Intermediate Bracket, each	435x31–DI	3 80	10 1/4	435x31–DI	3 80	10 1/4	435x232–DI	4 60	15	435x33–DI	6 00	20
Joint Brackets, each	435x31–J	4 80	8	435x31–J	4 80	8	435x232–J	5 80	10 1/2	435x33–J	6 60	14
Ceiling Clips, each	435x31–CC	20	1/2	435x31–CC	20	1/2	435x232–CC	24	1	435x33–CC	30	[illegible]
Half Surface Butt Hinges, japanned, per pair	311	1 60	3 3/4	311	1 60	3 3/4	311	1 60	3 3/4	311	1 60	[illegible]
Japanned Butt Hinges, per pair	435–4"x4"	60	1 [illegible]	435–4"x4"	60	1 1/2	435–5"x5"	1 00	2 1/2	435–3"x3"	1 00	[illegible]
Japanned Surface Hinges, per pair	435–4"x5"	80	1 3/4	435–4"x5"	80	1 3/4						
Japanned Surface Hinges, per pair							1035–24"	2 20	10 1/2	1035–24"	2 20	10 [illegible]
*Trolley Track, per foot	435x31	38	1 6	435x35	38	2 1/4	435x232	68	2 8	435x33	48	3 3
Tie Rods with Pintles and Pins for doors 28"–29" wide, each	435–1	1 30	2	435–1	1 30	2	435–1	1 30	2	435–1	1 30	2
Tie Rods with Pintles and Pins for doors 30"–36" wide, complete	435–2	1 50	2 1/4	435–2	1 50	2 1/4	435–2	1 50	2 1/4	435–2	1 50	[illegible]
Bow Handle, each	81–1	20	1/2	81–1	20	1/2	81–1	20	1/2	81–1	20	[illegible]
Bumper Shoe, each	435–72	12	1/2	435–72	12	1/2	435–72	12	1/2	435–72	12	1/2
Door Holder, each	119	15	2 1/4	119	15	2 1/4	119	15	2 1/4	119	[illegible]	[illegible]
Floor Guard, each	271	96	2 1/2	271	96	2 1/2	271	96	2 1/2	271	96	[illegible]

*Note—Length of short tracks equal width of two doors plus approximately one foot. Length of long tracks equal width of four doors plus approximately one foot. Seven-door and three-track, eight-door openings require one long and two short tracks, four-track eight-door, nine-door and ten-door openings require two long and two short tracks.

Note—For full information concerning Locking Bolts, see pages 55-57.

Discount

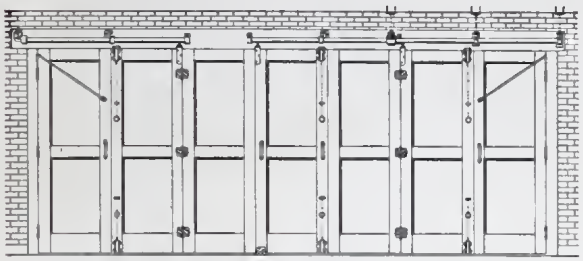
Slidetite
Patented

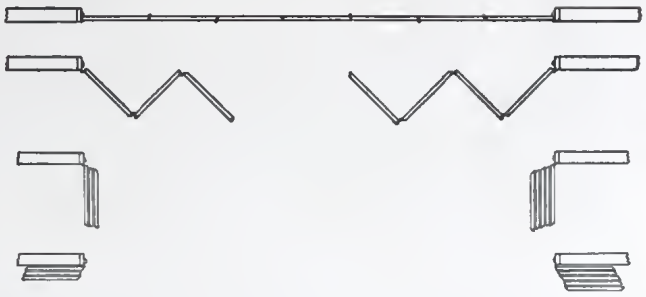
R-W No. 435

Elevations, Floor Plans and Hardware

7-Door, Three-Track 8-Door, and Four-Track 8-Door

Garage Door Equipment

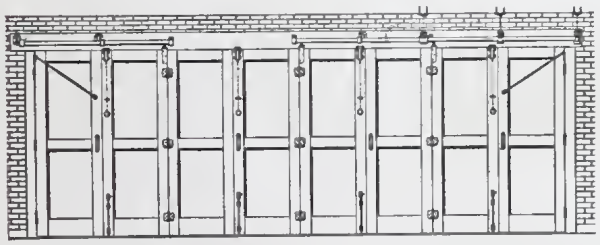


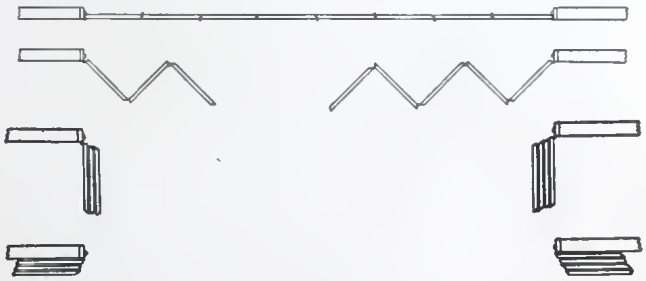


7-Door

*Fig. A-509—Illustration showing proper location of "Slidetite" seven-door hardware including No. 514 Bolts.

Fig. A-512—Floor plans of seven-door "Slidetite" doorway, showing (1) doors closed, (2) doors partially opened, (3) doors open parallel with side walls, (4) doors open parallel with front wall, giving absolute clearance from jamb to jamb.

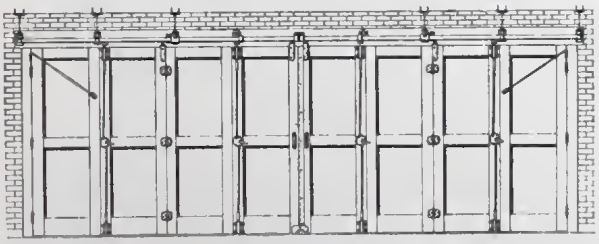


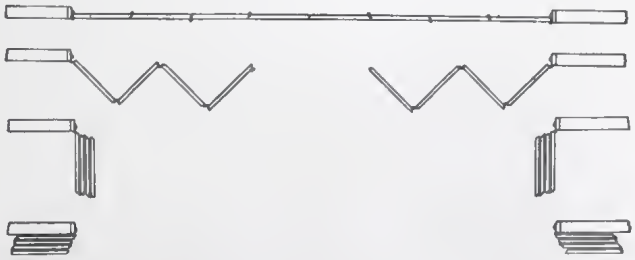


Three-Track 8-Door

*Fig. A-510—Elevation showing proper location of "Slidetite" three-track, eight-door hardware, including No. 514 Bolts with No. 524 Cane Bolts.

Fig. A-513—Floor plans of three-track, eight-door "Slidetite" doorway, showing (1) doors closed, (2) doors partially opened, (3) doors open parallel with side walls, (4) doors open parallel with front wall, giving absolute clearance from jamb to jamb.





Four-Track 8-Door

*Fig. A-511—Elevation showing proper location of "Slidetite" four-track, eight-door hardware, including No. 517 Cremone Bolts.

Fig. A-514—Floor plans of four-track, eight-door "Slidetite" doorway showing (1) doors closed, (2) doors partially opened, (3) doors open parallel with side walls, (4) doors open parallel with front wall, giving absolute clearance from jamb to jamb.

*Note—This Door Set can be furnished with any of the following Bolts: Nos 514, 514-524, 417, 517 or 617.

Slidetite

Patented

R-W No. 435

Elevations, Floor Plans and Hardware

For 9 and 10 Door

Garage Door Equipment

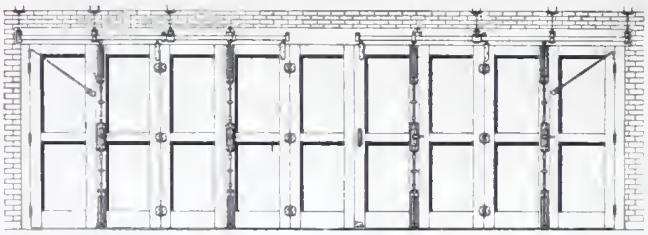


*Fig. A-515—Elevation showing proper location of "Slidetite" nine-door hardware, including No. 617 Cremone Bolts.

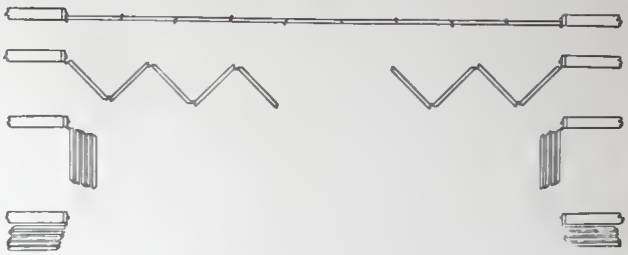


Fig. A-517—Floor plans of nine-door "Slidetite" doorway, showing (1) doors closed, (2) doors partially opened, (3) doors open parallel with side walls, (4) doors open parallel with front wall, giving absolute clearance from jamb to jamb.

9 Door

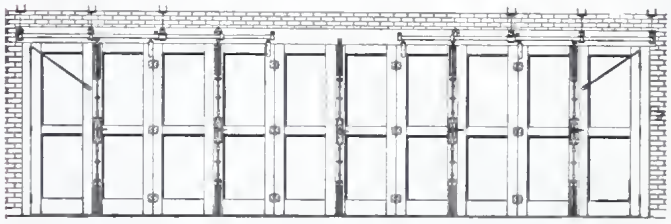


*Fig. A-516—Elevation showing proper location of "Slidetite" ten-door hardware, including No. 617 Cremone Bolts.

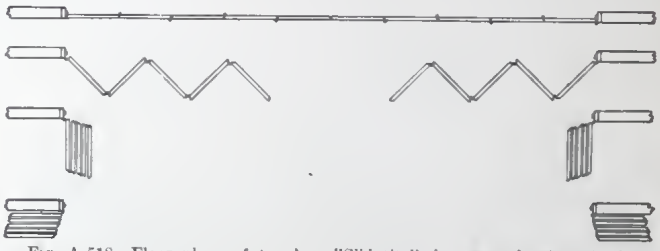


Fig. A-518—Floor plans of ten-door "Slidetite" doorway, showing (1) doors closed, (2) doors partially opened, (3) doors open parallel with side walls, (4) doors open parallel with front wall, giving absolute clearance from jamb to jamb.

*Note—This Door Set can be furnished with any nf the following Bolts: Nos. 514, 514–524, 417, 517 or 617.

10 Door

List Price for Complete Sets (7 to 10 Door Sets)

DESCRIPTION	With No. 514 Spring Bolts		With No. 514 Spring Bolt and No. 524-1 Cane Bolt		With No. 417 Top and Bottom Bolts for Doors up to 9′ high		With No. 517 Garage Cremone Bolts, Adjustable for Doors up to 8′ high		With No. 517 Garage Cremone Bolts, Adjustable for Doors 8′1″ to 9′ high		With No. 517 Garage Cremone Bolts, Adjustable for Doors 9′1″ to 10′ high		With No. 617 Garage Cremone Bolts, Adjustable for Doors up to 10′ high	
	List Price	Shpg. Wt., Lbs.	List Price	Shpg. Wt. Lbs.	List Price	Shpg. Wt., Lbs.	List Price	Shpg. Wt., Lbs.	List Price	Shpg. Wt., Lbs.	List Price	Shpg. Wt., Lbs.	List Price	Shpg Wt., Lbs.
Seven-Door Set, No. 435, opening not to exceed 21′ wide,														
with Nos. 31 or 35 Track—for doors weighing up to 125 lbs. each	$ 51 00	167	$ 51 00	170	$ 57 20	180	$ 62 00	190	$ 63 80	191	$ 64 40	193	$ 75 50	196
with No. 232 Track—for doors weighing between 125-200 lbs. each	72 00	254	72 00	257	78 20	267	83 00	277	84 80	278	85 40	281	96 50	284
with No. 33 Track—for doors weighing more than 200 lbs. each...	84 00	280	84 00	283	90 20	293	95 00	303	96 80	304	97 40	307	108 50	310
Three-Track, Eight-Door Set, No. 435, opening not to exceed 24′ wide,														
with Nos. 31 or 35 Track—for doors weighing up to 125 lbs. each	52 30	173	52 30	177	60 60	190	67 00	204	69 40	206	70 20	208	85 00	212
with No. 232 Track—for doors weighing between 125-200 lbs. each	73 30	269	73 30	273	81 60	286	88 00	300	90 40	302	91 20	304	106 00	308
with No. 33 Track—for doors weighing more than 200 lbs. each	85.30	304	85 30	308	93 60	320	100 00	335	102 40	338	103 20	340	118 00	344
Four-Track, Eight-Door Set, No. 435, opening not to exceed 24′ wide,														
with Nos. 31 or 35 Track—for doors weighing up to 125 lbs. each	75 00	230	75 00	234	81 60	247	88 00	260	90 40	262	91 20	264	110 00	270
with No. 232 Track—for doors weighing between 125-200 lbs. each	102 00	346	102 00	350	108 60	363	115 00	376	117 40	378	118 20	380	137 00	386
with No. 33 Track—for doors weighing more than 200 lbs. each	119 00	379	119 00	383	125 60	396	132 00	409	134 40	411	135 20	413	154 00	419
Nine-Door Set No. 435, opening not to exceed 27′ wide,														
with Nos. 31 or 35 Track—for doors weighing up to 125 lbs. each	76 00	232	76 00	236	82 60	248	89 00	262	91 40	264	92 20	266	111 00	272
with No. 232 Track—for doors weighing between 125-200 lbs. each	103 00	348	103 00	352	109 60	365	116 00	378	118 40	380	119 20	382	138 00	388
with No. 33 Track—for doors weighing more than 200 lbs. each	120 00	381	120 00	385	126 60	398	133 00	411	135 40	413	136 20	415	155 00	421
Ten-Door Set, No. 435, opening not to exceed 30′ wide,														
with Nos. 31 or 35 Track—for doors weighing up to 125 lbs. each	77 50	239	77 50	243	86 00	259	94 00	277	97 00	279	98 00	282	120 50	290
with No. 232 Track—for doors weighing between 125-200 lbs. each	104 50	372	104 50	376	113 00	390	121 00	410	124 00	412	125 00	415	147 50	423
with No. 33 Track—for doors weighing more than 200 lbs. each....	121.50	398	121.50	402	130 00	418	138 00	436	141 00	438	142 00	441	164 50	449

Discount.....

Note—All necessary screws and carriage bolts for fastening hardware is included in above prices.

Fig. A-519—Exterior view of garage doorway equipped with "Slidetite" six-door No. 1035 bardware, applied to doors opening out. Two car garage.

Slidetite
Patented

R-W No. 435
Garage Door Hardware

Applied to Doors Opening Out

Made for Doorways Having Three to Six Doors in One Opening, 8 Feet to 18 Feet Wide

"Slidetite" Garage Door Hardware is designed and ordinarily used for doors opening inside the garage. However, there is no fundamental reason why the hardware should not be used for doors opening out, if the garage builder so desires.

For this purpose we furnish a special offset surface hinge which will give sufficient space between the doors for No. 417 or No. 514 locking bolts, when the doors stand in open position. There is not sufficient room for tbe No. 517 or No. 617 bolts between the doors.

DESCRIPTION	3-door set, opening not to exceed 9 ft. wide.			One-track, 4-door set, opening not to exceed 12 ft. wide.			Two-track, 4-door set, opening not to exceed 12 ft. wide			5-door set, opening not to exceed 15 ft. wide.			6-door set, opening not to exceed 18 ft. wide.		
	List Price		Shipping Wt., lbs.	List Price		Shipping Wt., lbs.	List Price		Shipping Wt., lbs.	List Price		Shipping Wt., lbs.	List Price		Shipping Wt., lbs.
No. 435 Set Complete, including Bolts..	No.514	No.417		No.514	No.417		No.514	No.417		No.514	No.417		No.514	No.417	
with No. 31 or No. 35 track.....	$14.00	$15.40	48	$16 00	$19.05	57	$21 00	$22 80	85	$24 50	$26 80	92	$28.00	$31.20	96
with No. 232 track.....	21 30	23 20	84	24 60	28.40	93	39.50	43 30	149	42 50	47.30	155	43.50	49 70	161
with No. 33 track.....	24 50	26.90	97	28 20	32.30	103	46.00	49 80	169	49 00	53 80	175	50.00	56 20	184

***Discount*.....**

Note—Knob locks for entrance doors not included in above sets. (See page 54.) Sets include lag screws for attaching track brackets. If attachment is to be made to brick or concrete, expansion sbields should be ordered extra

Direction sheet showing erecting details furnisbed with bardware.

If wicket entrance door is wanted see page 20 for details and prices of hardware. (For use with two-track four-door set only.)

Directions for Ordering

State—Type and style of hardware. Widtb and heigbt of opening. Thickness of doors Kind of locking bolts wanted. Kind of trolley track. State doors open out.

Example Order for Complete Sets—One set, 5-door No. 435 "Slidetite" for opening 15 feet wide, 8 feet higb, doors 2¼ inches tbick and No. 31 Trolley Track, witb 417 Bolts. Doors open out.

No. 435 Short Sets for Doors Opening Out

Complete as Above, Except That Track, Locks and Locking Bolts are Omitted.

For Track Number	For Doors Weigbing Eacb	3-door set		One-track 4-door set		Two-track 4-door set		5-door set		6-door set	
		List Price	Shipping Wt., lbs.	List Price	Shipping Wt., lbs.	List Price	Shipping Wt., lbs.	List Price	Shipping Wt., lbs.	List Price	Shipping Wt., lbs.
No. 31–35	Up to 125 lbs.....	$10 00	34	$11 00	38	$15 00	54	$17 00	60	$18 00	59
No. 232	125–200 lbs.....	16 70	62	17.00	65	30 50	105	33 50	110	34 50	115
No. 33	More tban 200 lbs.....	18 80	72	19 60	76	35 00	119	39 60	125	40 60	132

Example Order for Short Sets—1 short set, 5-door No. 435 "Slidetite" for No. 31 track. Doors open out.

Special Hinge for Heavy Doors

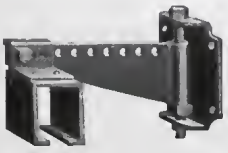
For heavy doors or rigorous service, No. 1035 hinge (listed page 63) may be substituted for the Butt Hinges included with the regular No. 435 sets.

***Discount*.....**

No. 435 Hanger

Offset Surface Hinge

No. 435-C Center Bracket



End Bracket

Intermediate Bracket

No. 271—Floor Guide Witb No. 435-72 Bumper Shoe

Fig. A-520—Interior view of double entrance garage doorway equipped with "Slidetite" two-track, four-door No. 1035 hardware, which includes heavy offset hinges. Two car garage.

Slidetite
Patented

R-W No. 1035
Garage Door Hardware

Designed to fold doors clear of opening in doorway having three to ten doors in one opening, 8 feet to 30 feet wide.

"Slidetite" No. 1035 equipment is designed for heavy doors and exceptionally hard service, such as that incident to public garages, where the doors are large and the service rigorous.

"Slidetite" No. 1035 equipment, heavy offset hinges and special track brackets take the place of the regular "Slidetite" No. 435 sets.

If Wicket Entrance Door is wanted, see page 20 for details and prices of hardware.

"Slidetite" No. 1035 Equipment Complete with All Bolts and Screws Necessary to Erect

DESCRIPTION	With No. 514 Bolts (see p. 57)		With No. 514 and No. 524 -1 Bolts (see p. 57)		With No. 417 Top and Bottom Bolts for doors up to 9′ high (see p. 55)		With No. 517 Garage Cremone Bolts, adjustable for doors up to 8′ high (see p. 55)		With No. 517 Garage Cremone Bolts, adjustable for doors 8′ 1″ to 9′ high (see p. 65)		With No. 517 Garage Cremone Bolts, adjustable for doors 9′ 1″ to 10′ high (see p. 55)		With No. 617 Garage Cremone Bolts, adjustable for doors up to 10′ high (see p. 66)	
	List Price	Shpg. Wt., Lbs.	List Price	Shpg. Wt., Lbs	List Price	Shpg. Wt., Lbs	List Price	Shpg. Wt., Lbs	List Price	Shpg. Wt., Lbs.	List Price	Shpg. Wt., Lbs.	List Price	Shpg. Wt., Lbs.
No. 1035 Three-door Set, opening not to exceed 9′ wide,														
with No. 31 Track—for doors weighing up to 125 lbs	$ 20 00	75	$ 20 00	76	$ 21 40	76	$ 23 00	82	$ 23 60	83	$ 23 80	84	$ 27 50	88
with No. 232 Track—for doors weighing between 125-200 lbs.	27.30	105	27 30	107	29 20	107	30 80	113	31 40	114	31.60	115	35 30	119
with No. 33 Track—for doors weighing more than 200 lbs.	30.50	114	30.50	116	32.90	115	34 50	121	35.10	122	36.30	123	39.00	127
No. 1035 One-track Four-door Set, opening not to exceed 12′ wide,														
with No. 31 Track—for doors weighing up to 125 lbs.	22.00	77	22 00	80	25.05	80	28 25	91	28 85	93	29 05	95	37.25	103
with No. 232 Track—for doors weighing between 125-200 lbs.	30.60	113	30 60	116	34.40	111	37.60	117	38 80	118	39 20	119	46 60	123
with No. 33 Track—for doors weighing more than 200 lbs	34 20	121	34 20	124	38 30	119	41 60	125	42.70	126	43.10	127	50.50	131
No. 1035 Two-track Four-door Set, opening not to exceed 12′ wide,														
with No. 31 Track—for doors weighing up to 125 lbs.	33.00	134	33 00	135	34 80	137	38 00	148	39.20	150	39.60	151	47.00	160
with No. 232 Track—for doors weighing between 125-200 lbs.	51.50	196	51.50	200	55.30	199	58 50	209	59.70	211	60.10	213	67.50	221
with No. 33 Track—for doors weighing more than 200 lbs.	58 00	215	58.00	219	61.80	218	65.00	228	66 20	230	66.60	232	74 00	240
No. 1035 Five-door Set, opening not to exceed 15′ wide,														
with No. 31 Track—for doors weighing up to 125 lbs.	36.50	136	36.50	144	38 80	140	41.00	150	42 20	152	42 60	153	50.00	163
with No. 232 Track—for doors weighing between 125-200 lbs.	54.50	203	54.50	207	59.30	205	62.60	216	63.70	218	64 10	220	71.50	228
with No. 33 Track—for doors weighing more than 200 lbs.	61.00	223	61.00	227	65.80	225	69 00	236	70 20	238	70.60	240	78.00	248
No. 1035 Six-door Set, opening not to exceed 18′ wide,														
with No. 31 Track—for doors weighing up to 125 lbs.	40.00	141	40 00	146	43.20	145	48 00	162	49 80	164	50 40	166	61.50	180
with No. 232 Track—for doors weighing between 125-200 lbs.	55.50	210	55 50	216	61.70	214	66 50	230	68 30	233	68 90	236	80.00	248
with No. 33 Track—for doors weighing more than 200 lbs.	62 00	241	62.00	245	68.20	237	73.00	255	74 80	257	75 40	259	86.50	266
No. 1035 Seven-door Set, opening not to exceed 21′ wide,														
with No. 31 Track—for doors weighing up to 125 lbs.	63.00	204	63.00	209	69.20	210	74 00	226	76 80	228	76 40	230	87.50	244
with No. 232 Track—for doors weighing between 125-200 lbs.	84 00	324	84 00	330	90 20	327	95 00	344	96 80	347	97 40	351	108.50	362
with No. 33 Track—for doors weighing more than 200 lbs	96.00	368	96 00	374	102 20	371	107 00	388	108 80	390	109 40	393	120.50	406
No 1035 Three-track, Eight-door Set, opening not to exceed 24′ wide,														
with No. 31 Track—for doors weighing up to 125 lbs	64 30	206	64 30	214	72 60	211	79 00	233	81 40	236	82 20	238	97.00	257
with No. 232 Track—for doors weighing between 125-200 lbs.	85 30	329	85 30	337	93 60	334	100 00	356	102 40	360	103 20	364	118 00	380
with No. 33 Track—for doors weighing more than 200 lbs	97.30	363	97.30	381	105.60	387	112 00	400	114 40	403	115.20	406	130 00	424
No. 1035 Four-track, Eight-door Set, opening not to exceed 24′ wide,														
with No. 31 Track—for doors weighing up to 125 lbs.	87.00	267	87.00	276	93.60	272	100 00	294	102 40	296	103.20	299	122 00	317
with No. 232 Track—for doors weighing between 125-200 lbs	114 00	396	114 00	404	120 60	401	127.00	423	129 40	427	130.20	431	149.00	447
with No. 33 Track—for doors weighing more than 200 lbs	131 00	480	131.00	488	137.60	484	144 00	605	146.40	509	147.20	611	166.00	531
No. 1035 Nine-door Set, opening not to exceed 27′ wide,														
with No. 31 Track—for doors weighing up to 125 lbs.	88 00	269	88 00	277	94 60	276	101.00	296	103 40	299	104.20	303	123.00	320
with No. 232 Track—for doors weighing between 125-200 lbs	115.00	402	115 00	409	121.60	417	128.00	416	130 40	419	131.20	422	150.00	452
with No. 33 Track—for doors weighing more than 200 lbs.	132.00	506	132.00	513	138 60	521	145.00	520	147.40	523	148.20	426	167.00	556
No. 1035 Ten-door Set, opening not to exceed 30′ wide,														
with No. 31 Track—for doors weighing up to 125 lbs.	89 50	271	89.60	281	98.00	277	106.00	305	109 00	308	110.00	312	132.60	334
with No. 232 Track—for doors weighing between 125-200 lbs.	116 50	406	116.50	416	125.00	413	133.00	440	136.00	444	137 00	448	159 60	470
with No. 33 Track—for doors weighing more than 200 lbs.	133.50	498	133.50	508	142.00	605	150.00	532	153.00	536	154.00	540	176 50	662

Note—Locks for entrance doors not included in above sets. (See page 54.) Sets include screws for attaching track brackets. If attachment is to be made to brick or concrete, expansion shields should be ordered extra.

Direction sheet showing erecting details furnished with hardware.

Discount . . . . . .

Slidetite

Patented

R-W No. 1035
Garage Door Hardware

CONTINUED

Fig. A-521—Interior view of doorway equipped with "Slidetite" nine-door No. 1035 hardware which includes heavy offset hinges. Three car garage.

No. 1035 Short Sets

Packed Complete in One Box Except that Track, Locks and Locking Bolts are Omitted.

For Track No.	Three-door Set		One-track Four-door Set		Two-track Four-door Set		Five-door Set		Six-door Set		Seven-door Set		Three-track Eight-door Set		Four-track Eight-door Set		Nine-door Set		Ten-door Set	
	List Price	Wt., lbs.	List Price	Wt., lbs.	List Price	Wt., lbs.	List Price	Wt., lbs.	List Price	Wt., lbs.	List Price	Wt., lbs.	List Price	Wt., lbs.	List Price	Wt., lbs.	List Price	Wt., lbs.	List Price	Wt., lbs.
31	$16.00	61	$17.00	61	$25.00	106	$29.00	108	$30 00	105	$49 00	150	$49 00	151	$66 00	190	$67 00	193	$67 00	192
232	22 70	83	23 00	88	42.50	150	45.50	158	46 50	163	62 00	240	62 00	243	82 00	272	83 00	266	83 00	281
33	24 80	86	25.60	91	47 00	159	51.60	166	52.60	175	68 00	264	68.00	267	89 00	326	90 00	340	90.00	343

Detail of Hardware and List Price of Parts

DESCRIPTION	With No. 31 Track For doors weighing up to 125 lbs. each			With No. 35 Track For doors weighing up to 125 lbs. each			With No. 232 Track For doors weighing 125-200 lbs. each			With No. 33 Track For doors weighing more than 200 lbs.		
	Number	List Price	Wt., lbs.	Number	List Price	Wt., lbs.	Number	List Price	Wt., lbs	Number	List Price	Wt., lbs.
Roller Bearing Hangers, each	435-1	$3.50	3½	435-4	$3 50	4	435-3	$4 50	7½	435-2	$5.00	8
Center Track Bracket, each	435x31-C	.30	1	435x31-C	30	1	435x232-C	.80	2½	435x33-C	1.00	4
End Track Bracket, each	1035x31-E	1.00	4½	1035x31-E	1.00	4½	1035x232-E	3.20	12	1035x33-E	3.60	13
Intermediate Track Bracket, each	1035x31-I	.70	3	1035x31-I	.70	3	1035x232-I	2.60	9½	1035x33-I	3 40	11
Double End Brackets, each	1035x31-DE	4 00	12½	1035x31-DE	4 00	12½	1035x232-DE	5.10	19	1035x33-DE	5.80	24
Double Intermediate Brackets, each	1035x31-DI	3 80	11	1035x31-DI	3 80	11	1035x232-DI	4.60	16	1035x33-DI	5 00	21
Joint Brackets, each	1035x31-J	4.80	8½	1035x31-J	4 80	8½	1035x232-J	5 80	11	1035x33-J	6 60	14
Ceiling Clips, each	435x31-CC	.20	½	435x31-CC	.20	½	435x232-CC	.24	1	435x33-CC	.30	1
Surface Hinges, No. 435, japanned, per pair	4"x5"	.60	1½	4"x5"	60	1½	...	...	...	...	...	...
Surface Hinge, No. 1035, jap., per pr.	...	...	...	...	...	...	24"	2.20	10½	24"	2 20	10½
Trolley Track (length and pieces determined by size of opening), per ft.	1035x31	.38	1 6	1035x35	38	2.1	1035x232	.68	2 8	1035x33	.88	3 3
Bow Handles, each	81-1	.20	8 Oz.	81-1	20	8 Oz.	81-1	.20	8 Oz.	81-1	.20	8 Oz.
Center Floor Guides, each	271	.96	2¼	271	96	2¼	271	.96	2¼	271	.96	2¼
Bumper Shoes, each	435-72	.12	5 Oz.	435-72	.12	5 Oz.	435-72	.12	5 Oz.	435-72	.12	5 Oz.
Door Holder, each	119	.24	½	119	.24	½	119	.24	½	119	.24	½
Tie Rod, for doors 23"-29" wide, each	435-11	1.30	1½	435-11	1 30	1½	435-11	1 30	1½	435-11	1 30	1½
Tie Rod, for doors 30"-36" wide, each	435-12	1.50	1½	435-12	1 50	1½	435-12	1 50	1½	435-12	1.50	1½
Offset Hinges, Japanned:												
2½" x 18" per pair	1035	4.00	12	1035	4 00	12	1035	4 00	12	1035	4 00	12
2½" x 24" per pair	1035	4.50	14	1035	4 50	14	1035	4 50	14	1035	4.50	14
2½" x 30" per pair	1035	5.00	18	1035	5 00	18	1035	5 00	18	1035	5.00	18
2½" x 36" per pair	1035	5.50	20½	1035	5 50	20½	1035	5 50	20½	1035	5.50	20½

For illustration of parts see page 12.

Directions for Ordering

State—Width and height of opening. Thickness of doors. Bolts wanted. Style of Trolley Track.

Example Order—One set 5-door "Slidetite" No. 1035, for opening 15 feet wide, 8 feet high, doors 2¼ inches thick, including No. 517-1 Top and Bottom Bolts and No. 31 style of track.

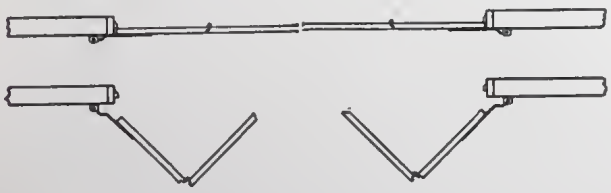


Fig. A-521-A—Floor plans of four-door "Slidetite" No. 1035 doorway showing, (1) doors closed, (2) doors partially opened.

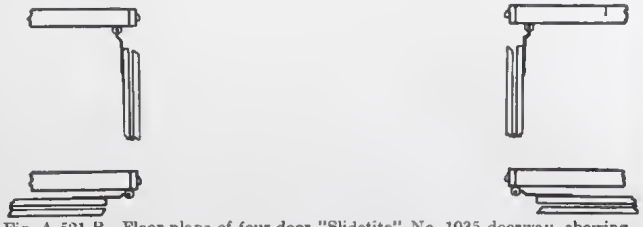


Fig. A-521-B—Floor plans of four-door "Slidetite" No. 1035 doorway, showing (1) doors open parallel with side walls, (2) doors open parallel with front wall, giving absolute clearance from jamb to jamb.

Continued on next page

Discount

Fig. A-522—Interior view of garage doorway equipped with "Slidetite" nine-door No. 1035 hardware which includes heavy offset hinges. Doors in opeo positioo. Three-car garage.

Slidetite
Patented

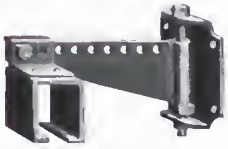
R-W No. 1035

Garage Door Hardware

CONTINUED

For Prices of Complete Sets See Pages 10 and 11

Detail of Hardware

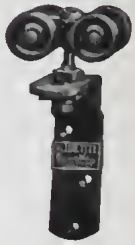


No. 1035-E—End Bracket

No. 1035-I—Intermediate Bracket

C—Ceoter Bracket

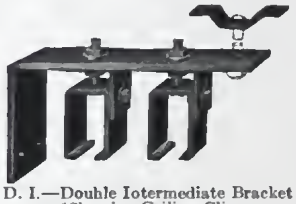
No. 1035—Special Heavy Service Hinge
(See Page 63 for Price



No. 435 Hanger

J—Joiot Bracket
*Showing Ceiling Clip

D E.—Douhle End Bracket
*Showiog Ceiling Clip



D. I.—Douhle Iotermediate Bracket
*Showing Ceiling Clip

*Ceiling Clip and Bolt for same not included io price of Brackets.

Thresholds

Some garage owners desire special thresholds designed to make their garage doors tight at the bottom against wind and storm.

For this purpose, we present the three sketches of suggested thresholds on this page—these thresholds being intended particularly for garage doors hung on "Slidetite," "SlydaSyde" and "CornR-Wise" hanger equipments.

The left hand side in all of the sketches is the outside of the building.

The left hand sketch shows a bar of steel set into the concrete and extending about ¾ inch above the floor line. This forms an effective wind break for the bottom of the door.

In the center sketch an angle is used instead of a bar and has the particular advantage of being more easily set straight because of the greater stiffness in the angle.

The right hand sketch is built up entirely of concrete with the outside of the door extending beyond the highest part of the floor line, thus preventing the water from running down the face of the door and following the bottom of the door inside the building. The groove at the bottom of the door precludes water from creeping beneath the door by capillary attraction. This design of threshold is intended more particularly for a water stop, whereas, the other two are intended more particularly for wind stops.

The first two are also especially good for use with "Slidetite" doors opening out, the threshold in that case, of course, being placed inside the door instead of outside.

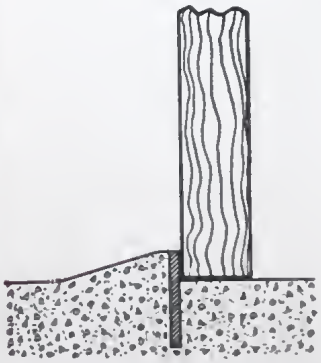


Fig. A-523—Concrete raised threshold with edge formed by flat steel har set io concrete.

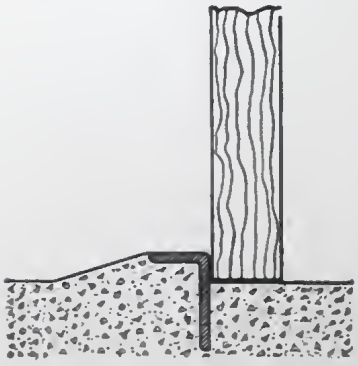


Fig. A-524—Concrete raised threshold with steel angle piece forming top and edge of threshold.

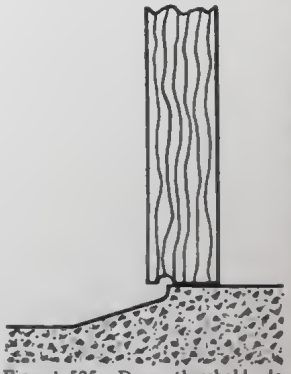


Fig A-525—Drop threshold designed to prevent water rom driving heneath door.

Slidetite

Patented

R-W No. 1035

Garage Door Hardware

Applied to Doors Opening Out

Made for Doorways Having Three to Six Doors in One Opening, 8 Feet to 18 Feet Wide

Fig. A-526—Exterior view of garage doorway equipped with "Slidetite" six-door No. 1035 hardware, applied to doors opening out. Two car garage.

No. 1035 Hardware for Doors Opening Out, with all Bolts and Screws Necessary to Erect

Diagrams below show installation details

DESCRIPTION	3-door set, opening not to exceed 9 ft. wide			One-track 4-door set, opening not to exceed 12 ft. wide.			Two-track, 4-door set, opening not to exceed 12 ft. wide			5-door set, opening not to exceed 15 ft. wide			6-door set, opening not to exceed 18 ft. wide		
No. 1035 Set Complete, including Bolts.	List Price		Shipping Wt., lbs.	List Price		Shipping Wt., lbs.	List Price		Shipping Wt., lbs.	List Price		Shipping Wt., lbs.	List Price		Shipping Wt., lbs.
	No.514	No.417		No.514	No.417		No.514	No.417		No.514	No.417		No.514	No.417	
With No. 31 or No. 35 track	$20 00	$21.40	80	$22.00	$25.05	83	$33 00	$34.80	134	$36.50	$38.80	136	$40.00	$43.20	141
With No. 232 track	27 30	29.20	105	30 60	34.40	113	51.50	55.30	196	54.50	59.30	203	55.50	61.70	210
With No. 33 track	30.50	32.90	114	34 20	38 30	121	58.00	61.80	215	61.00	65.80	223	62.00	68.20	241

Note—Knob locks for entrance doors not included in above sets. (See page 54). Sets include lag screws for attaching track brackets. If attachment is to be made to brick or concrete, expansion shields should be ordered extra.

Direction sheet showing erecting details furnished with hardware.

If wicket entrance door is wanted see page 20 for details and prices of hardware. (For use with two-track four-door set only.)

Directions for Ordering

State—Type and style of hardware. Width and height of opening. Thickness of doors. Kind of locking bolts wanted. Kind of Trolley Track. State doors open out.

Example Order for Complete Sets—One set, 3-door No. 1035 "Slidetite" for opening 9 feet wide, 8 feet high, doors 2¼ inches thick, with 417 Bolts, and No. 31 trolley track. Doors open out.

No. 1035 Short Sets for Doors Opening Out

Complete as above except that track, locks and locking bolts are omitted

For Track Number	For Doors weighing each	3-door set		One-track 4-door set		Two-track, 4-door set		5-door set		6-door set	
		List Price	Shipping Wt., lbs.	List Price	Shipping Wt., lbs.	List Price	Shipping Wt., lbs.	List Price	Shipping Wt., lbs.	List Price	Shipping Wt., lbs.
31-35	Up to 125 lbs.	$16 00	63	$17 00	65	$25 00	106	$29 00	108	$30.00	105
232	125 to 200 lbs.	22.70	83	23 00	88	42 50	150	45.50	158	46.50	163
33	More than 200 lbs.	24.80	86	25 60	91	47.00	159	51.60	166	52.60	175

Example Order of Short Sets—1 short set, 3-door No. 1035 "Slidetite" for No. 31 track. Doors opening out.

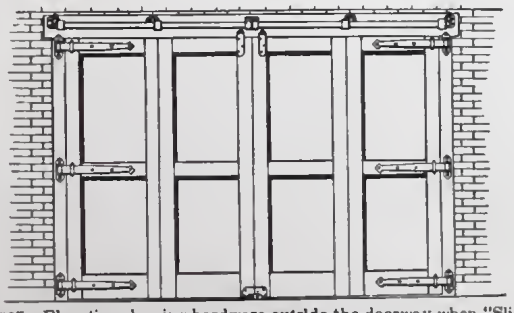


Fig. A-527—Elevation showing hardware outside the doorway when "Slidetite" No. 435 four-door equipment is applied to doors opening out.

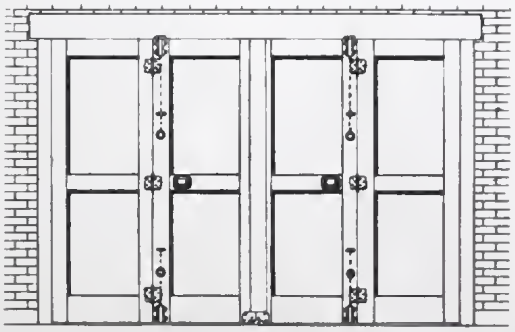


Fig. A-528—Elevation showing hardware inside the door-way when "Slidetite" No. 435 four-door equipment is applied to doors opening out.

Discount.....

Fig. A-529—Interior view of garage doorway equipped with "Slidetite-Ideal," six-door hardware. Two car garage.

Slidetite-Ideal

Patented

R-W No. 1135

Garage Door Hardware

Made for Doorways Having Three to Ten Doors in One Opening, 8 Feet to 30 Feet Wide.

"Slidetite-Ideal" No. 1135 Equipment is designed, as its name signifies, for installations where it is desired to achieve a particularly classy combination of effects, such as the garage doorway of an aristocratic estate.

In "Slidetite-Ideal" No. 1135 Equipment the well-known "Ideal" Ball-Bearing Hangers and track take the place of the regular No. 435 as shown on pages 2-9 of this book. The equipment includes R-W No. 617 Adjustable Cremone Locking Bolts, R-W No. 1035 Offset Hinges. Installations may be made with regular No. 435 Butts in place of the No. 1035 Offset hinges if desired.

The door hanger unit of "Slidetite-Ideal" equipment (well-known as Richards-Wilcox "Ideal" Hardware) embodies, because of its scientific construction, a maximum of perfect principles. The door bangs from a wide rider-bar, rolling over steel balls, which in turn, roll along a carefully milled track groove. Friction is eliminated, and at the same time the rider-bar travels at twice the speed of the balls. A ball retainer keeps the steel balls always properly spaced.

This ball bearing design provides a hanger which operates with exceptional smoothness and ease, and the combination of "Ideal" track with the "Slidetite" design, produces in "Slidetite-Ideal" hardware, an equipment that is perfection itself.

Figure A-532 which shows a cross section of "Ideal" track, and figure A-531 which shows a close-up view of the hanger, track and bracket assembly, give a clear idea of the construction and operation of this ball-bearing device. The track is a rectangular shaped tube made of very heavy gauge steel, drawn to form two parallel runways for steel balls, upon which the hanger rolls.

The general arrangement of the doors and the hardware coincide with that of the regular "Slidetite" No. 435 sets as shown on pages 2-9.

List Price

Equipment Complete, Including Hangers, Track and Brackets, with All Bolts and Screws Necessary to Erect and 617 Adjustable Cremone Bolts (Page 56)

DESCRIPTION	With No. 1035 offset hinges		Hanger, track and bracket Assembly only	
	Price	Shipping Weight, lbs.	Price	Shipping Weight, lbs.
No. 1135 Three-door set—opening not to exceed 9′ wide, (pages 3 to 5)	$ 41.50	76	$15 80	28
No. 1135 One-track, Four-door set, opening not to exceed 12′ wide, (pages 3 to 5)	52.00	98	15 80	28
No. 1135 Two-track, Four-door set, opening not to exceed 12′ wide, (pages 3 to 5)	71.00	146	32.00	56
No. 1135 Five-door set—opening not to exceed 15′ wide, (pages 3 to 5)	75.00	157	32 00	56
No. 1135 Six-door set—opening not to exceed 18′ wide, (pages 3 to 5)	85.50	165	32 00	56
No. 1135 Seven-door set—opening not to exceed 21′ wide, (pages 6 to 9)	140 00	250	65 00	110
No. 1135 Three-track, Eight-door set—opening not to exceed 24′ wide, (pages 6 to 9)	151.00	265	65 00	110
No. 1135 Four-track, Eight-door set—opening not to exceed 24′ wide, (pages 6 to 9)	191.00	338	95 00	164
No. 1135 Nine-door set—opening not to exceed 27′ wide, (pages 6 to 9)	193 00	340	95 00	164
No. 1135 Ten-door set—opening not to exceed 30′ wide, (pages 6 to 9)	203 00	355	95 00	164

Note—Knob lock for entrance door not included in above sets (see p. 54). Sets include lag screws for attaching track brackets. If attachment is to be made to brick or concrete, expansion shields should be ordered extra.

Direction sheet showing erecting details furnished with hardware.

If wicket entrance door is wanted, see page 20 for details and prices of hardware

Detail of Hardware and List Price of Parts

Exclusive of Hanger, Track and Bracket, Assemblies Listed Above

No. 81-1	Bow Handles, each	$0 20	8 ozs.	No. 435	Japanned Surface Hinges, 5 x 7 inches, per pair	$1 40	4½ lbs.
No. 271	Center Floor Guides, each	.96	2⅓ lbs.	No. 1035	Japanned Offset Hinges—		
No. 435-72	Bumper Shoes, each	12	5 ozs.		2½ x 18 inches, per pair	4 00	12 lbs.
No. 435-1	Tie Rod, with pintel and pin, for doors 23 inches to 29 inches wide, each	1 30	1½ lbs.		2½ x 24 inches, per pair	4.50	14 lbs.
No. 435-2	Tie Rod, with pintel and pin, for doors 30 inches to 36 inches wide, each	1 50	1½ lbs		2½ x 30 inches, per pair	5.00	16 lbs.
No. 435	Japanned Surface Hinges, 4 x 5 inches, per pair	80	1¾ lbs.	No. 617	Garage Cremone Bolt, adjustable for doors up to 10 feet high, each	9.50	14½ lbs.
				No. 119	Door Holder, each	30	½ lb.

Directions for Ordering

State—Type and Style of Hardware. Width and height of opening. Style of Hinge wanted. Thickness of doors.

Example Order—One set, five-door "Slidetite-Ideal" for opening 15 feet wide, 8 feet high, with No. 1035 Offset Hinge. Doors 1¾ inches thick.

Discount

Slidetite
Patented

R-W No. 1135

Garage Door Hardware

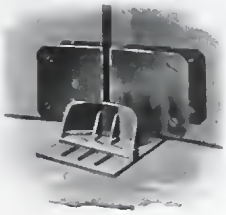
CONTINUED

R-W No. 1035
Heavy Offset Hinge with Surface Pintle

Fig A-530—Interior of same doorway shown on preceding page: doors closed, except entrance door which stands ajar.

No. 435 Surface Hinge

No 81 Bow Handle



No. 271 Adjustable Floor Guide with No. 435-72 Steel Bumper Shoe.

119 Door Holder

No 435 Tie Rod with Pintle and Pin.

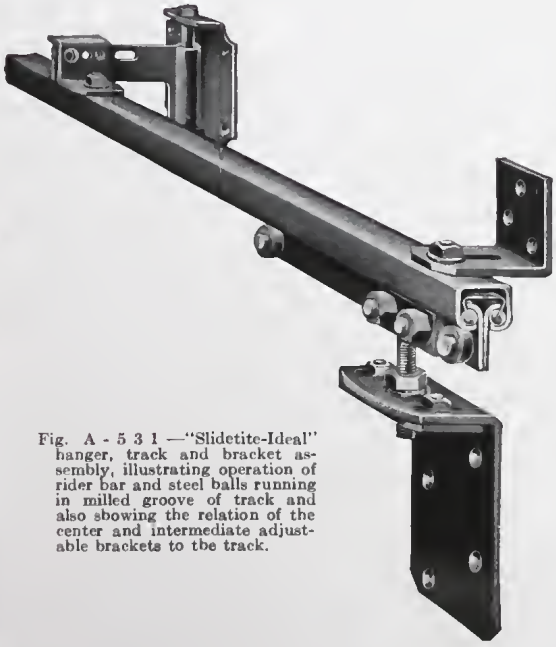


Fig. A - 5 3 1 —"Slidetite-Ideal" hanger, track and bracket assembly, illustrating operation of rider bar and steel balls running in milled groove of track and also showing the relation of the center and intermediate adjustable brackets to the track.

Fig. A-532—Actual size cross section of "Slidetite-Ideal" track showing rider bar, ball spacer which maintains correct position of ball-bearings and track.

Fig A-533
R-W No 617 Cremone Bolt

Fig. A-534—Interior view of Slidetite No. 1235 hardware installed in connection with two heavy doors to close one opening. Doors partly opened.

Slidetite
Patented

R-W No. 1235

Garage Door Hardware

Hardware Set for Exceptionally Heavy Sliding Fold Doors More Than Three Feet Wide

This equipment handles two big doors hinged together, one door hinged to the jamb and supported at its outer edge by a circular trolley track; the other door supported at its outer edge by a straight trolley track with compound curve, attached to front wall.

The doorway may be furnished with a pair of doors operating from one jamb, or a pair of doors operating from each jamb, as illustrated by line drawings on the opposite page. Three weights of track, brackets and hangers as set forth in the table below, give ample range of hardware to suit a wide variety of doorway sizes and weights of doors.

Suggested Hardware With Detail List Price for One Pair of Doors

	Price	Shpg. Wt.
1½ pair No. 1035 Hinges, 2½ inches by 30 inches, (p. 63), per pair For doors over 10 feet high, use 2 pairs No. 1035 hinges	$5.00	16 lbs.
1½ pair No. 435 Surface Hinges, 5 inches by 7 inches, (p. 64), per pair For doors over 10 feet high, use 2 pairs No. 435 Hinges	1.40	4½ lbs.
1 No. 272 Floor End Stop, (p. 61), each	.72	3 lbs.
2 No. 435-72 Bumper Shoes, each	.12	5 ozs.
If a pair of doors is attached to each jamb, use No. 271 Floor Guide (listed p. 61), instead of No. 272		
1 set Locking Bolts to be chosen from the list following		

Locking Bolts for No. 1235 Equipment

	Price	Shpg. Wt.
2 R-W No. 514 Spring Bolts (p. 57), each	$0.80	2½ lbs.
1 R-W No. 524-2 Cane Bolt (p. 57), each	1.20	4 lbs.
And 1 R-W No. 514 Spring Bolt (p. 57), each	.80	2½ lbs.
1 R-W No. 517 Garage Cremone Bolt for doors 7 feet to 8 feet high (p. 55), each	5.00	12 lbs.
1 R-W No. 517 Garage Cremone Bolt adjustable for doors 8 feet 1 inch to 9 feet high (p. 55), each	5.60	12½ lbs.
1 R-W No. 517 Garage Cremone Bolt adjustable for doors 9 feet 1 inch to 10 feet high (p. 55), each	5.80	13 lbs.
1 R-W No. 617 Garage Cremone Bolt adjustable for doors up to 10 feet high (p. 56), each	9.50	14½ lbs.
1 R-W No. 617 Garage Cremone Bolt adjustable for doors up to 10 feet high (p. 56), each	9.50	14½ lbs.
And 1 No. 1125 Lock, each	3.00	1¾ lbs.

List Price of Hangers, Track and Brackets

DESCRIPTION	With No. 31 Track For doors up to 250 lbs. each			With No. 232 Track For doors weighing between 250-400 lbs. each			With No. 33 Track For doors heavier than 400 lbs. each		
	Number	Price	Shipping Wt., lbs.	Number	Price	Shipping Wt., lbs.	Number	Price	Shipping Wt., lbs.
1 Knuckle Joint Hanger, each	435-11 K. J.	$6.00	9	435-13 K. J.	$9.00	12	435-12 K. J.	$9.50	12
1 Knuckle Joint Hanger, each	435-1 K. J.	3.00	3½	435-3 K. J.	6.00	7½	435-2 K. J.	6.50	7½
1 End Track Bracket, each	2x31	.16	1	2x232	.34	2	2x33	.44	2½
Center Track Brackets, each	1x31	.16	1	1x232	.34	2	1x33	.44	2½
Cross Bar Ceiling Center Brackets, each	5x31	.16	1½	5x232	.34	2½	5x33	.44	4
1 Cross Bar Ceiling End Bracket, each	6x31	.16	1½	6x232	.34	2½	6x33	.44	4½
1 Extension End Bracket, each	123½x31-F	1.50	4	123½x232-F	2.30	6½	123½x33-F	2.70	9
Extension Center Brackets, each	123½x31-C	1.50	4	123½x232-C	2.30	6½	123½x33-C	2.70	9
1 Circular Track (see plans), per foot	No. 31 Curved track	1.20	1.6	No. 232 Curved track	1.60	2.8	No. 33 Curved track	2.00	3.1
1 Compound Curve, made to suit requirements (see plans next page), each	No. 31 Compound Curve	8.00	3	No. 232 Compound Curve	9.00	5	No. 33 Compound Curve	10.00	6

Discount .....

Slidetite

Patented

R-W No. 1235

CONTINUED

Fig. A-535—Interior view of "Slidetite" No. 1235 hardware installed in connection with two heavy doors to close one opening. Doors wide open.

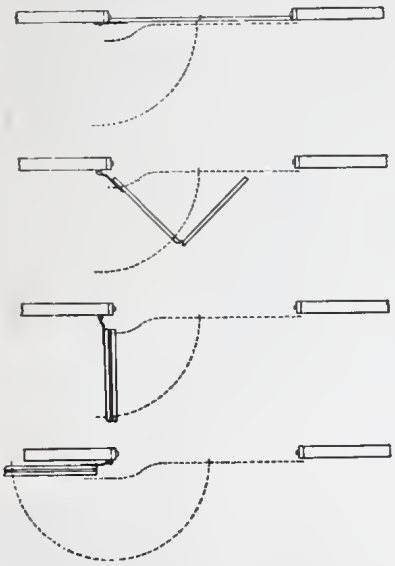
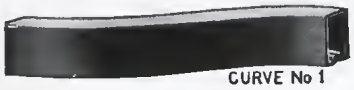


Fig A-536—Floor plans showing operation of two doors equipped with "Slidetite" No. 1235 hardware illustrating (1) doors in closed position, (2) doors partly open, (3) doors open at right angles with front wall, (4) doors open parallel with front wall. The dotted lines represent the tracks.



Trolley Track Compound Curve

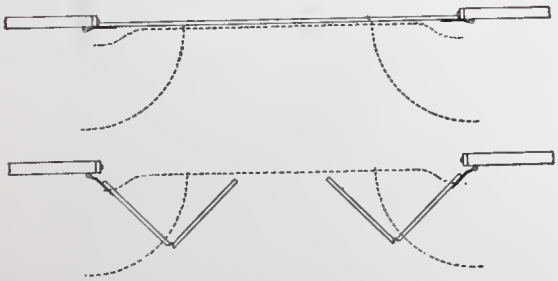


Fig. A-537—Floor plans showing operation of four doors equipped with "Slidetite" No. 1235 hardware, illustrating (1) doors in closed position, (2) doors partly open. The dotted lines represent the tracks.

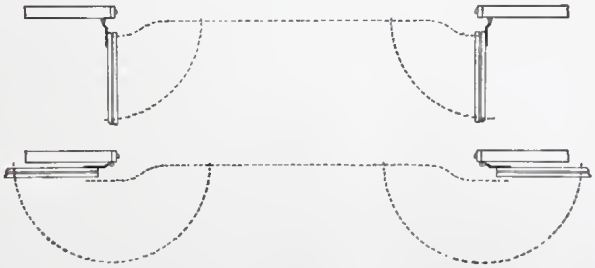


Fig. A-539—Floor plans showing operation of four doors equipped with "Slidetite" No. 1235 hardware illustrating, (1) doors open at right angles with front wall, (2) doors open parallel with front wall. The dotted lines represent the tracks.

Discount.....

R-W No. 436

Garage Door Equipment

Fig. A-540—Doorway Equipped with No. 436 Fixtures

The drawings on the next page give complete instructions regarding the installation of this hardware.

The doors slide and fold inside the building, and when open take up very little space.

This equipment will handle any three-door opening which is not more than nine feet in width. The single door which is hinged to the jamb can be used as an entrance door, thus saving the expense of having a separate extrance door in one of the side walls. The doors fit perfectly tight and are weather-proof. The hanger and track, being installed on the inside of the garage, are not subject to weather, birds' nests, etc., and operate easily and quietly. No snow and ice has to be shoveled before the garage doors can be opened.

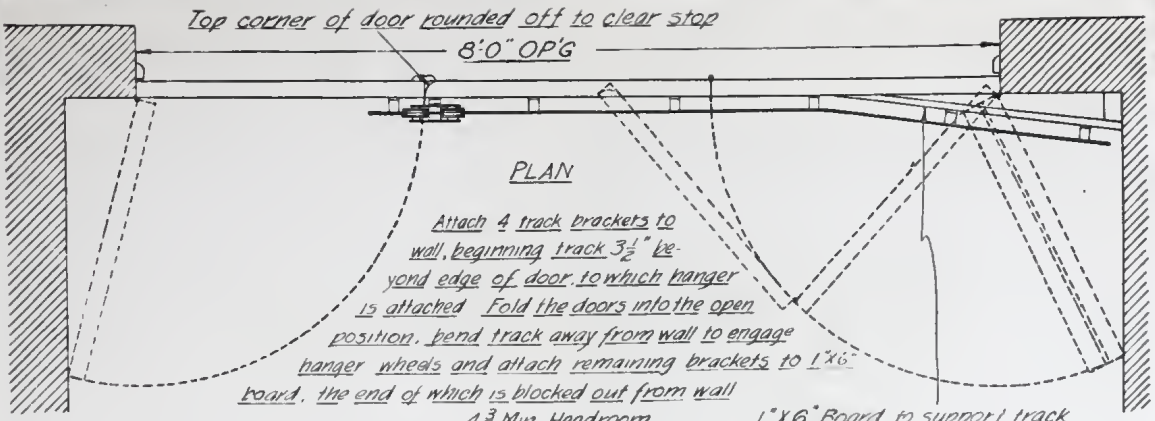
A Set of Fixtures Contains the Following Hardware:

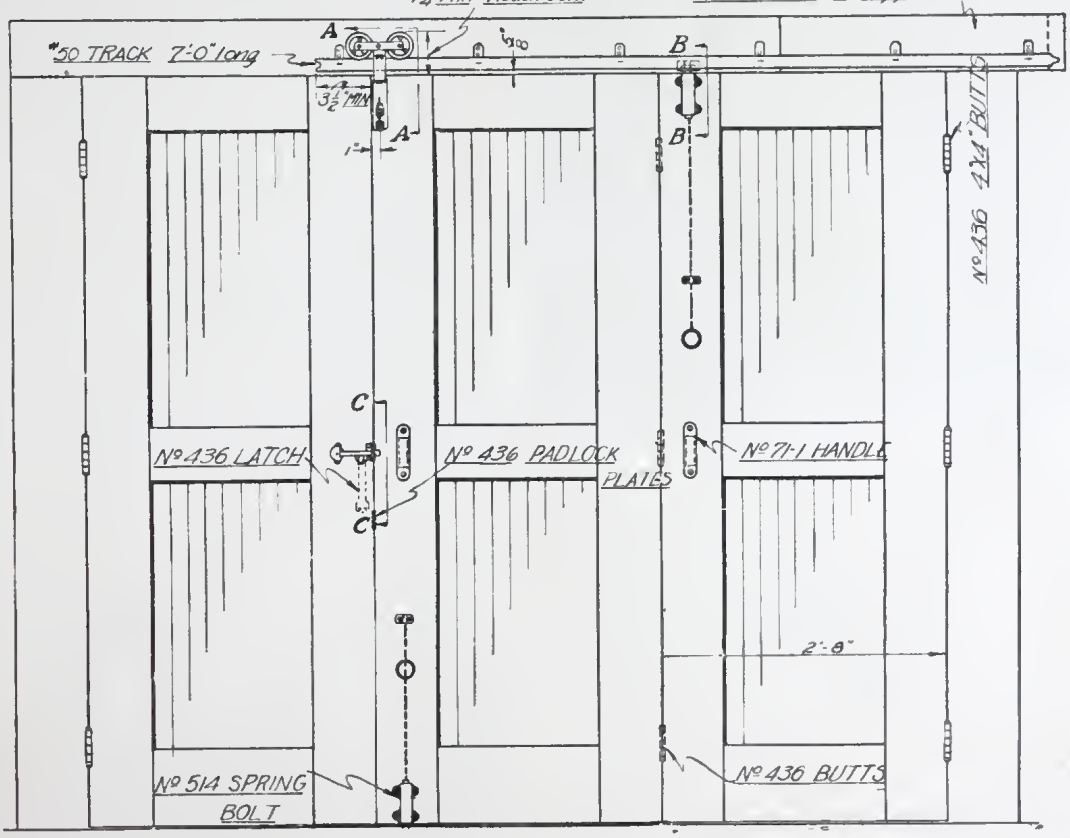
1 only No. 436 Hanger.
1 Piece Flat Track with Brackets. (7′)
4½ Pairs No. 436 Butt Hinges.
1 No. 514 Top Bolt.
1 No. 514 Bottom Bolt.
1 No. 436 Latch.
2 No. 436 Padlock Plates.
2 No. 71-1 Bow Handles.
Screws and Bolts for attaching.

LIST PRICE

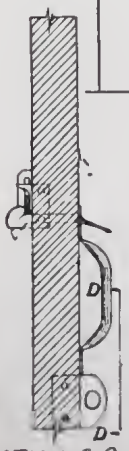
R-W No. 436 Set, Complete, Weight 20 pounds **$7 70**

Discount . . . . . .





ELEVATION

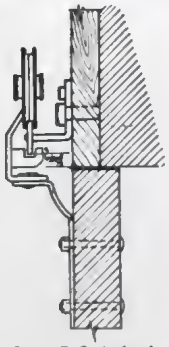


SECTION C-C

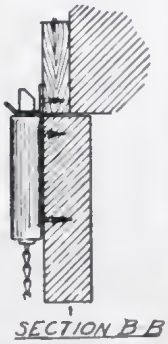
VIEW D-D

R-W No. 436

Garage Door Hardware



SECTION A-A



SECTION B-B

Fig. A-541

R-W Wicket Door Hardware

Fig. A-[illegible]—Interior view of [illegible] garage doorway, provided with wicket entrance door equipped with R-W Wicket Door Hardware

In many garages where the doors are heavy and there is constant use for an individual passage door, the wicket style of entrance door can be installed with economy.

The Wicket Door hardware shown below is suitable for requirements of this kind and is particularly desirable for such use on No. 1035, or on swinging doors in connection with which the Wicket Door swings out. Special single arm door checks are used, so constructed that the arm of the door check will not extend into the doorway opening and catch on auto tops.

For Sliding Doors on inside of building, standard door check is used and Wicket Door opens in.

Door Checks are reversible for right or left hand doors.

The hardware listed below furnishes ample range for desired variation in size of the Wicket Doors.

Detail of Hardware and List Price of Parts

Thresholds

Made to order according to size and thickness of doors. In ordering state width of large doors in which Wicket Door is mounted, width of Wicket Door and thickness of door. Shipping weight, approximately [illegible] pounds.
Price each (size to order) $10.00

Door Checks

For Wicket Doors not over 20 inches wide, up to six feet 6 inches high and 1¾ inches thick, mounted in "Slidetite" or swinging doors. Shipping weight 7½ pounds.
No. 943 A, Single Arm Check, each $8.00

For heavier doors not over 20 inches wide and not exceeding 6 feet 6 inches in height and [illegible] inches in thickness, mounted in "Slidetite" or swinging doors. Shipping weight 9½ pounds.
No. 943 C, Single Arm Check, each $9.10

For Wicket Doors not over 20 inches wide, up to 6 feet 0 inches high and 1¾ inches thick, mounted in sliding doors inside of building. Shipping weight 7½ pounds.
No. 643 2, Regular Check, each $6.60

For Wicket Doors not over 20 inches wide and not exceeding 6 feet 6 inches in height and 2¼ inches in thickness, mounted in sliding doors inside of building. Shipping weight 9½ pounds.
No. 643 3, Regular Check, each $7.50

Hinges

No. 435 Hinges. Size 4x4 inches. Japanned Butts for doors up to 2 inches thick. Shipping weight, 1½ pounds.
Price, per pair $0.60

No. 435 Hinges. Size 5x5 inches. Japanned Butts for heavier doors. Shipping weight 2½ pounds.
Price, per pair $1.00

List Price of Complete Sets

Wicket Door Hardware for "Slidetite" or Swinging Door. Wicket Doors not over 20 inches wide, up to 6 feet 6 inches high and 1¾ inches thick, as follows:
1 No. [illegible] Wood Threshold, size as requested.
1 No. 943 A Door Check, with single arm.
1 Pair No. 435 Japanned Butt Hinges, size 4x4 inches. Shipping weight, [illegible] pounds.
Price, per set $[illegible]

Wicket Door Hardware for "Slidetite" or Swinging Door. Wicket Doors not over 20 inches wide and not exceeding 6 feet 6 inches in height and 2¼ inches in thickness, as follows:
1 No. [illegible] Wood Threshold, size as requested.
1 No. 943 C Door Check, with single arm.
1 Pair No. 435 Japanned Butt Hinges, size 5x5 inches. Shipping weight, 23 pounds.
Price, per set $[illegible]

Wicket Door Hardware for Sliding Door inside of building. Wicket Doors not over 20 inches wide, up to 6 feet 0 inches high and 1¾ inches thick, as follows:
1 No. [illegible] Wood Threshold, size as requested.
1 No. 643 2 Regular Door Check.
1 Pair No. 435 Japanned Butt Hinges. Size 4x4 inches. Shipping weight, [illegible] pounds.
Price, per set $17.00

Wicket Door Hardware for Sliding Door inside of building. Wicket Doors not over 20 inches wide and not exceeding 6 feet 6 inches in height and 2¼ inches in thickness, as follows:
1 No. [illegible] Wood Threshold, size as requested.
1 No. 643 3 Regular Door Check.
1 Pair No. 435 Japanned Butt Hinges. Size 5x5 inches. Shipping weight, [illegible] pounds.
Price, per set [illegible]

Note—Above sets do not include latch, or lock for wicket [illegible] [illegible] page 54

Discount

No. [illegible] Single Arm Check

No. 435 Butt Hinge

No. [illegible] Door Threshold

SlydaSyde Right Angle Door Hardware

R-W No. 235

In a garage where front wall space is limited and where it is desired to secure maximum use of the floor space, "SlydaSyde" R-W No. 235 Garage Door Equipment makes an unusually satisfactory installation.

Even very heavy doors operate lightly on "SlydaSyde" hardware.

We make sets to accommodate doors of various kinds in a wide range of weights and sizes, and in various combinations, as shown on this and the following pages.

The "SlydaSyde" door shown in the illustration on this page is 9 feet wide by 12 feet high, and closes the entrance of the shipping department of one of the branches of the Loose-Wiles Biscuit Company. It operates on R-W No. 33 Track, No. 235-2 and No. 235-12 Hangers. The door is 2¼ inches thick and weighs 700 pounds.

"SlydaSyde" doors when open stand along the side wall at right angles to the opening, inside the building and require a negligible amount of space for their operation in swinging around the corner.

The hardware is adaptable to various doorway conditions and arrangements, including—single doors with space between the jamb and the side wall; double doors with space between the jamb and side walls; single and double doors with jamb adjacent to the side wall; pair of doors hinged together for opening with space between the jamb and side wall.

Diagrams shown below give a graphic idea of the line of travel of doors of various widths and the space required for their operation around the corner.

Fig. A-543—Exterior view of doorway equipped with single door, operating on "SlydaSyde AA" Hardware. Door in partly open position.

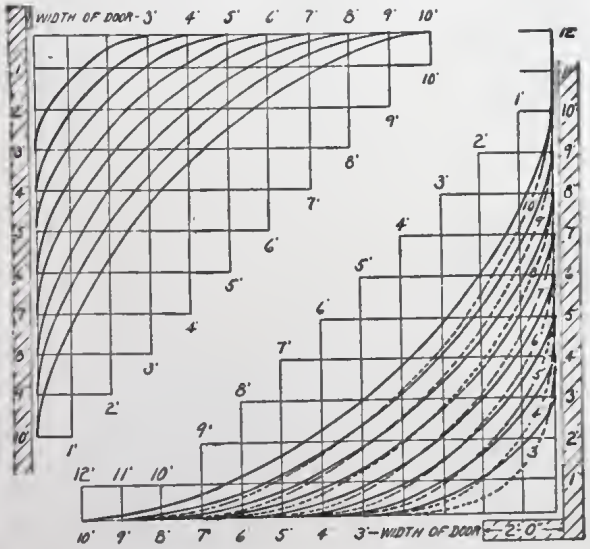


Fig. A-544—Diagram showing amount of clearance required for doors of various widths and with different jamb spaces, using "SlydaSyde" hangers. Follow dotted lines when curved track is used.

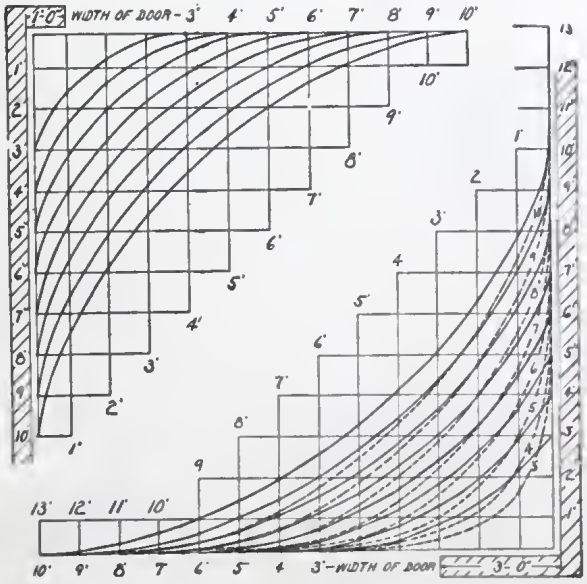


Fig. A-545—Diagram showing amount of clearance required for doors of various widths and with different jamb spaces, using "SlydaSyde" hangers. Follow dotted lines when curved track is used.

SlydaSyde

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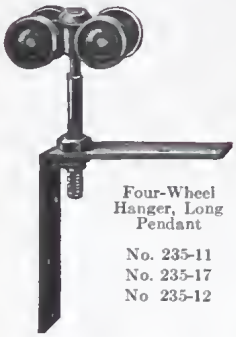
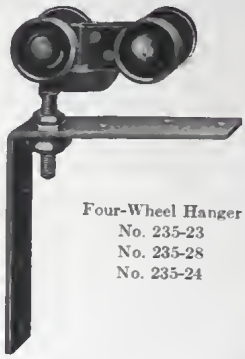
Right Angle Garage Door Hardware

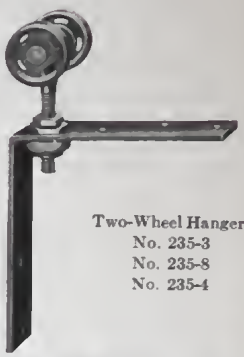


Four-Wheel Hanger, Long Pendant
No. 235-11
No. 235-17
No 235-12

Four-Wheel Hanger Short Pendant
*No. 235-1
*No. 235-7
*No. 235-2

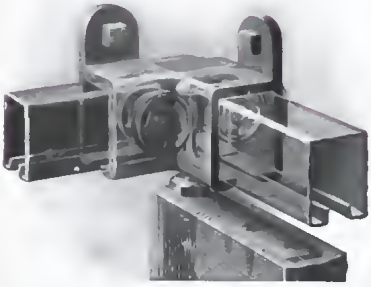


Four-Wheel Hanger
No. 235-23
No. 235-28
No. 235-24

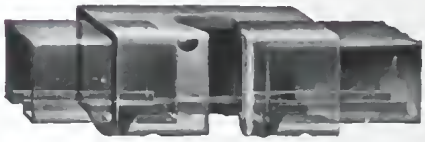


Two-Wheel Hanger
No. 235-3
No. 235-8
No. 235-4

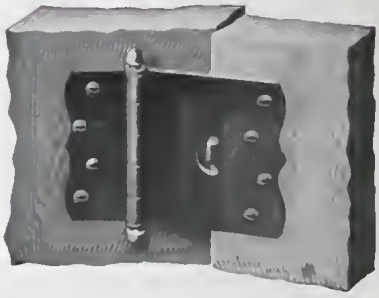
Four-Wheel Hanger
No. 235-5
No. 235-9
No. 235-6



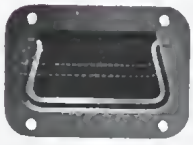
Corner Bracket
No. 235x31-C
No. 235x232-C
No. 235x33-C



Slot Bracket
No. 235x31-S
No. 235x232-S
No. 235x33-S



Surface Hinge
No. 635



Flush Drop Handle
No 170

Bow Handle
No. 81-1

End Bracket
No. 235-2x31
No. 235-2x232
No. 235-2x33

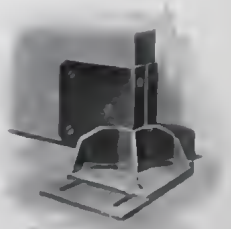
Center Bracket
No. 235-1x31
No. 235-1x232
No. 235-1x33

Center Stop Bracket
No. 235-12x31
No. 235-12x232
No. 235-12x33

Straight Track
No. 235x31
No. 235x232
No. 235x33

Center Floor Guide No. 271, and Bumper Shoes No. 435-72

Curved Track
No. 235x31
No. 235x232
No. 235x33



Floor End Stop No. 272, and Bumper Shoes No. 435-72

*Knuckle Joint Hanger to run in curved track furnished when desired

Fig. A-545A—Interior view of garage doorway equipped witb No. 235 "BB" Hardware. See page 25.

SlydaSyde

Patented

R-W No. 235

Right Angle Garage Door Hardware

CONTINUED

Hanger Dimensions

Hanger No.	For Track No.	Diameter Wheels, Incbes	Bearings in Hanger	Pendant	Top of Door to Bottom of Front Track		Clearance Required Above Bottom of Front Track	
					Minimum Inches	Maxiumm Inches	Side Wall Bracket, Inches	Ceiling Bracket, Inches
*235–1	31	2⅛	Roller	Short	1	1¾	7	6
235–3	31	2⅛	Ball	Short	1	1¾	7	6
235–5	31	2⅛	Ball	Short	1	1¾	4⅜	3½
235–11	31	2⅛	Roller	Long	. . .	. . .	7	6
235–23	31	2⅛	Roller	Short	1¼	2½	7	6
*235–7	232	3	Roller	Sbort	1⅛	2⅜	9⅛	7⅞
235–8	232	3	Roller	Short	1⅛	2⅜	9⅛	7⅞
235–9	232	3	Ball	Short	1⅛	2⅜	5⅝	4⅜
235–17	232	3	Roller	Long	.	. .	9⅛	7⅞
235–28	232	3	Roller	Short	1⅞	3⅛	9⅛	7⅞
*235–2	33	3	Roller	Short	1⅛	2⅜	9½	8¼
235–4	33	3	Roller	Short	1¼	2⅜	9½	8¼
235–6	33	3	Ball	Short	1⅛	2⅜	6	4¾
235–12	33	3	Roller	Long	.	. . .	9½	8¼
235–24	33	3	Roller	Sbort	1⅞	3⅛	9½	8¼

*Knuckle Joint Hanger to run in curved track furnisbed when desired.

Detail of Hardware and List Price of Parts

DESCRIPTION	With No. 31 Track, For Doors Weighing Up to 300 Lbs. Each			With No. 232 Track, For Doors Weighing Between 300 to 500 Lbs. Each			With No. 33 Track, For Doors Weighing Between 500 to 800 Lbs. Each		
	Numher	Price	Shipping Weight, Lbs.	Number	Price	Shipping Weight, Lbs.	Numher	Price	Shipping Weigbt, Lbs.
Hangers, each	235–1	$2 50	3⅔	235–7	$3 50	7	235–2	$4 00	7⅔
Hangers, each	*235–1–K.J.	3.50	3⅔	*235–7–K.J	4 50	7	*235–2–K.J.	5 00	7⅔
Hangers, each	*235–3	2 50	2⅔	235–8	3.50	5	235–4	4 00	6
Hangers, each	*235–5	3 50	3⅔	*235–9	4 50	8	*235–6	5 00	9⅔
Hangers, each	235–11	2 50	4	235–17	3.50	7	235–12	4 00	8
Hangers, each	235–23	2 50	4	235–28	3 50	7½	235–24	4 00	8
Corner Brackets, each	235x31–C	2.00	7⅔	235x232–C	3 00	12½	235x33–C	3 00	17
End Brackets, each	235–2x31	.32	1⅔	235–2x232	68	3	235–2x33	.88	4
Center Brackets, each	235–1x31	.32	1⅔	235–1x232	.68	3	235–1x33	.88	4
Center Stop Brackets, each	235–12x31	1 00	3	235–12x232	1 60	5¼	235–12x33	2 00	7½
Slot Brackets, each	235x31–S	2.00	6	235x232–S	3 00	8	235x33–S	3 00	8⅔
Straight Track, per foot	235x31	38	2	235x232	68	4	235x33	.88	4⅔
Curved Track, per foot	235x31	2 40	2	235x232	3 60	4	235x33	4 00	4⅔
Surface Hinges, per pair	635	1 20	2⅔	635	1 20	2⅔	635	1 20	2⅔
Flush Drop Handles, each	170	.36	1	170	.36	1	170	36	1
Bow Handles, each	81–1	.20	1	81–1	.20	1	81–1	.20	1
Center Floor Guides, each	271	.96	3	271	.96	3¼	271	.96	3
Floor End Stops, each	272	.72	2⅔	272	.72	2⅔	272	.72	2⅔
Bumper Shoes, each	435–72	12	1	435–72	.12	1	435–72	.12	1

*This is a ball-bearing hanger. Hangers not starred are roller-bearing.

Discount . . . . . .

SlydaSyde

R-W No. 235
Right Angle Garage Door Hardware

Single Door Equipment "AA"
CONTINUED

Fig. A-547—Interior of doorway equipped with single door "SlydaSyde AA" hardware. Door wide open.

For Opening With Single Door and Wall Space Between Jamb and Side Wall, with Straight Track and No. 235 Slot Bracket.

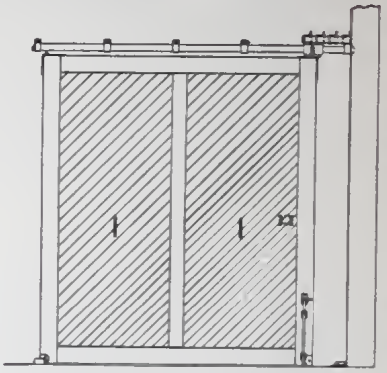


Fig. A-548—Elevation showing proper location of "SlydaSyde" AA-1 or AA-2 equipment including No. 524 Bolts.

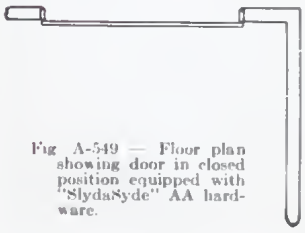


Fig. A-549 — Floor plan showing door in closed position equipped with "SlydaSyde" AA hardware.

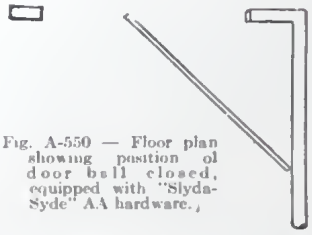


Fig. A-550 — Floor plan showing position of door ball closed, equipped with "SlydaSyde" AA hardware.

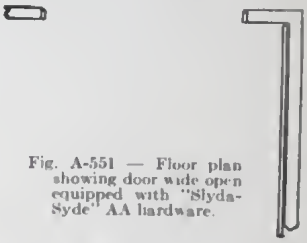


Fig. A-551 — Floor plan showing door wide open equipped with "SlydaSyde" AA hardware.

List Price of Equipments Complete with Track, Bolts and Screws Necessary to Erect

DESCRIPTION	With No. 31 track for doors weighing up to 300 lbs. each		With No. 232 track for doors weighing between 300–500 lbs. each		With No. 33 track for doors weighing between 500–800 lbs. each	
	List Price	Shipping Wgt., lbs.	List Price	Shipping Wgt., lbs.	List Price	Shipping Wgt., lbs.
Set AA-1 to lock door from inside only, including 1 R-W No. 524-1 Cane Bolt (p. 57), with No. 31 track.						
Opening up to 8' wide	$20 00	66				
Opening 8'1"–9' wide	21 00	69		.....		
Opening 9'1"–10' wide	22 00	72				
Set AA-2, to lock door from inside only, including 1 R-W No 524-2 Cane Bolt (p. 57), with No. 232 or No 33 track						
Opening up to 8' wide			$31 50	107	$36 60	132
Opening 8'1"–9' wide			32 75	112	38 35	138
Opening 9'1"–10' wide			34 00	117	40 10	144
Set AA-3, to lock door from inside only, including 1 R-W No 516 Door Bolt (p. 58)						
Opening up to 8' wide	20 50	66	32 00	107	37 10	132
Opening 8'1"–9' wide	21 50	69	33 25	112	38 85	138
Opening 9'1"–10' wide	22 50	72	34 50	117	40 60	144
Set AA-4, to lock door from outside only, including 1 R-W No. 525 Lock (p. 59).						
Opening up to 8' wide	22 00	66	32 50	107	37 60	132
Opening 8'1"–9' wide	23 00	69	33 75	112	39 35	138
Opening 9'1"–10' wide	24 00	72	35 00	117	41 10	144

Note—Sets include lag screws for attaching track brackets. If attachment is to be made to brick or concrete, expansion shields should be ordered extra. Direction sheet showing erecting details furnished with hardware.
If wicket entrance door is wanted, see page 20 for details and prices of hardware.

Discount

Directions for Ordering Complete Sets

State—Designation of set and number of track. Width of opening. Thickness of door. Distance door laps on jamb. Distance from jamb to side wall. Always send sketch of floor plan with above dimensions inserted.

Example Order of Complete Sets—One Set, "SlydaSyde" AA-1 for No. 31 Track. Opening 8 feet wide. Door 1¾ inches thick. Door laps on jamb 2 inches. Jamb to side wall 24 inches.

SlydaSyde

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R-W No. 235

Right Angle Garage Door Hardware

Double Door Equipment "BB"

For Opening with Double Doors and Wall Space Between Jambs and Side Walls, with Straight Track and No. 235 Slot Brackets

Fig. A-552—Interior of garage doorway having double doors equipped with "SlydaSyde" BB hardware. One car garage. Note wicket entrance door.

Fig. A-553—Floor plan showing position of closed doors, equipped with "SlydaSyde" BB hardware.

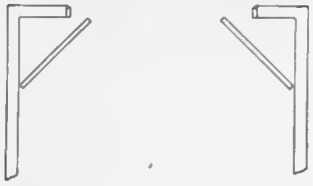


Fig. A-554—Floor plan showing position of doors half closed, equipped with "SlydaSyde" BB hardware.

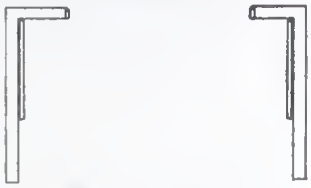


Fig. A-555—Floor plan showing position of doors wide open, equipped with "SlydaSyde" BB hardware.

List Price of Equipments Complete with Track, Bolts and Screws Necessary to Erect

DESCRIPTION	With No. 31 track for doors weighing up to 300 lbs. each		With No. 232 track for doors weighing between 300-500 lbs. each		With No. 33 track for doors weighing between 500-800 lbs. each	
	List Price	Shipping Wgt., lbs.	List Price	Shipping Wgt., lbs.	List Price	Shipping Wgt., lbs.
Set BB-1, to lock doors from inside only, including 2 R-W No. 524-1 Cane Bolts (p. 57), with No. 31 track.						
Opening up to 8′ wide	$29.50	93				
Opening 8′ 1″–9′ wide	30 50	97				
Opening 9′ 1″–10′ wide	31 50	100				
Set BB-2, to lock doors from inside only, including 2 R-W No. 524-2 Cane Bolts (p. 57), with No. 232 or No. 33 track.						
Opening up to 8′ wide			$47 25	119	$55 35	174
Opening 8′ 1″–9′ wide			48 50	125	57 10	180
Opening 9′ 1″–10′ wide			49 75	131	58 85	186
Set BB-3, to lock doors from inside only, including 2 R-W No. 516 Door Bolts, (p. 58).						
Opening up to 8′ wide	31 75	94	49 25	118	57 35	173
Opening 8′ 1″–9′ wide	32.75	98	50 50	124	59 10	179
Opening 9′ 1″–10′ wide	33.75	101	51 75	130	60 85	185
Set BB-4, including 1 R-W No. 524-1 Bolt (p. 57), with No. 31 track, to lock 1 door from inside and 1 R-W No. 525 Lock (p. 59), to lock 1 door from outside						
Opening up to 8′ wide	32 00	94				
Opening 8′ 1″–9′ wide	33 00	98				
Opening 9′ 1″–10′ wide	34 00	101				
Set BB-5, including 1 R-W No. 524 Bolt (p. 57), with No. 232 or No. 33 track, to lock one door from inside and 1 R-W No. 525 Lock (p. 59), to lock one door from outside						
Opening up to 8′ wide			49 75	118	57 85	174
Opening 8′ 1″–9′ wide			51 00	124	59 60	180
Opening 9′ 1″–10′ wide			52 25	130	61 35	186
Set BB-6, including 1 R-W No. 516 Door Bolt (p. 58), to lock one door from the inside, and 1 R-W Lock No. 525 (p. 59), to lock 1 door from the outside.						
Opening up to 8′ wide	33 25	94	51 00	118	58 10	174
Opening 8′ 1″–9′ wide	34 25	98	52 25	124	59 85	180
Opening 9′ 1″–10′ wide	35 25	101	53 50	130	61 60	186

Note—Sets include lag screws for attaching track brackets. If attachment is to be made to brick or concrete, expansion shields should be ordered extra.
Direction sheet showing erecting details furnished with hardware.
If wicket entrance door is wanted, see page 20 for details and prices of hardware.

Discount

Directions for Ordering Complete Sets

State—Designation of set and number of track. Width of opening. Thickness of doors. Distance doors lap on jambs. Distance from jambs to side walls. Always send sketch of floor plan with above dimensions.

Example Order of Complete Sets—1 Set "SlydaSyde" BB-1 for No. 31 track. Opening 8 feet wide. Doors $1\frac{3}{4}$ inches thick. Doors lap on jambs 2 inches. 24 inches from jamb to side walls on both sides.

Fig. A-556—Illustration of interior of garage doorway equipped with single door "SlydaSyde" Hardware CC

SlydaSyde

Patented

R-W No. 235

Right Angle Garage Door Hardware

Single Door Equipment "CC"

For Opening Adjacent to Side Wall, with Straight Track, and No. 238 Patented Corner Bracket

Fig. A-557—Floor plan showing door in closed position, equipped with "SlydaSyde" CC hardware

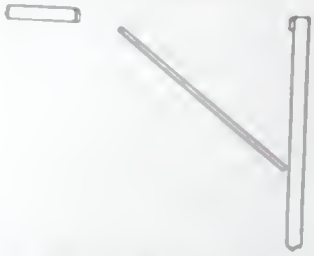


Fig. A-558—Floor plan showing position of door half closed, equipped with "SlydaSyde" CC hardware

Fig. A-559—Floor plan showing position of door wide open, equipped with "SlydaSyde" CC hardware

List Price of Equipments Complete with Track, Bolts and Screws Necessary to Erect

DESCRIPTION	With No. 21 track for doors weighing up to 200 lbs. each		With No. 232 track for doors weighing between 200-300 lbs. each		With No. 33 track for doors weighing between 300-500 lbs. each	
	List Price	Shipping Wgt. lbs	List Price	Shipping Wgt. lbs	List Price	Shipping Wgt. lbs
Set CC-1, to lock door from inside only, including 1 R-W No. [illegible] Door Bolt (p. [illegible]) with No. 21 track						
Opening up to 8' wide	619 75	67				
Opening 8' 1"-9' wide	20 75	70				
Opening 9' 1"-10' wide	21 75	73				
Set CC-2, to lock door from inside only, including 1 R-W No. [illegible] Door Bolt (p. [illegible]), with No. 232 or No. 33 track						
Opening up to 8' wide			[illegible]	[illegible]	[illegible]	132
Opening 8' 1"-9' wide			[illegible]	[illegible]	[illegible]	136
Opening 9' 1"-10' wide			[illegible]	117	[illegible]	144
Set CC-3, to lock door from inside only, including 1 R-W No. [illegible] Door Bolt (p. [illegible])						
Opening up to 8' wide	20 [illegible]	67	[illegible]	107	[illegible]	132
Opening 8' 1"-9' wide	[illegible]	70	[illegible]	112	[illegible]	136
Opening 9' 1"-10' wide	[illegible]	73	[illegible]	117	[illegible]	144
Set CC-4, to lock door from outside only, including 1 R-W No. [illegible] Lock (p. [illegible])						
Opening up to 8' wide	[illegible]	67	[illegible]	107	[illegible]	132
Opening 8' 1"-9' wide	[illegible]	70	[illegible]	112	[illegible]	136
Opening 9' 1"-10' wide	[illegible]	73	[illegible]	117	[illegible]	144

Note—Sets include lag screws for attaching track brackets. If attachment is to be made to brick or concrete, expansion shields should be ordered extra.
Literature sheet showing erecting details furnished with hardware.
If wicket entrance door is wanted, see page 20 for details and prices of hardware.

Discount

Directions for Ordering Complete Sets

Name—Designation of set and number of track. Width of opening. Thickness of door. Distance door lags on jamb. Always send sketch of floor plan with above dimensions inserted.

Example Order of Complete Sets—One Set, "SlydaSyde" CC-1 for No. 21 Track. Opening 8 feet wide. Door 1½ inches thick. Floor lags on jamb 3 inches.

SlydaSyde

Patented

R-W No. 235

Right Angle Garage Door Hardware

Double Door Equipment "DD"

For Opening Adjacent to Side Walls with Straight Track, and No. 235 Patented Corner Brackets

Fig. A-560—Interior of garage doorway showing double doors equipped with "SlydaSyde" DD hardware.

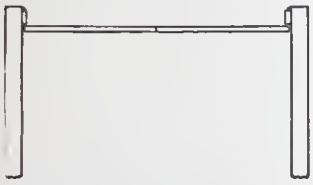


Fig. A-561—Floor plan showing doors in closed position equipped with "SlydaSyde" DD hardware.

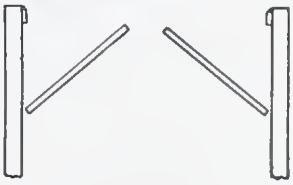


Fig. A-562—Floor plan showing position of doors half closed, equipped with "SlydaSyde" DD hardware.

Fig. A-563—Floor plan showing position of doors wide open, equipped with "SlydaSyde" DD hardware.

List Price of Equipment Complete with Track, Bolts and Screws Necessary to Erect

DESCRIPTION	With No. 31 track for doors weighing up to 300 lbs. each		With No. 232 track for doors weighing between 300-500 lbs. each		With No. 33 track for doors weighing between 500-800 lbs. each	
	List Price	Shipping Wt., Lbs.	List Price	Shipping Wt., Lbs.	List Price	Shipping Wt., Lbs.
Set DD-1, to lock doors from inside only, including 2 R-W No. 524-1 Cane Bolts, page 57, with No. 31 track.						
Opening up to 8' wide	$29.00	77				
Opening 8' 1"–9' wide	30.00	80				
Opening 9' 1"–10' wide	31.00	82				
Set DD-2, to lock doors from inside only, including 2 R-W No. 524-2 Cane Bolts, page 57, with No. 232 or No. 33 track.						
Opening up to 8' wide			$46.10	133	$54.00	147
Opening 8' 1"–9' wide			47.35	138	55.75	153
Opening 9' 1"–10' wide			48.60	143	57.50	159
Set DD-3, to lock doors from inside only, including 2 R-W No. 516 Door Bolts, page 58.						
Opening up to 8' wide	31.25	78	48 10	132	56.00	146
Opening 8' 1"–9' wide	32.25	81	49.35	137	57.75	152
Opening 9' 1"–10' wide	33.25	84	50.60	142	59.50	158
Set DD-4, including 1 R-W No. 524-1 Bolt, page 57, with No. 31 track, to lock one door from inside, and 1 R-W No. 525 Lock, page 59, to lock one door from outside.						
Opening up to 8' wide	31 50	77				
Opening 8' 1"–9' wide	32 50	80				
Opening 9' 1"–10' wide	33 50	82				
Set DD-5, including 1 R-W No. 524-2 Bolt, page 57, with No. 232 or No. 33 track, to lock one door from inside, and 1 R-W No. 525 Lock, page 59, to lock one door from outside.						
Opening up to 8' wide			48 60	133	56 50	146
Opening 8' 1"–9' wide			49 85	138	58.25	152
Opening 9' 1"–10' wide			51.10	143	59 50	158
Set DD-6, including 1 R-W No. 516 Door Bolt, page 58, to lock one door from the inside, and 1 R-W No. 525 Lock, page 59, to lock one door from the outside.						
Opening up to 8' wide	32.75	78	49 85	133	56 75	147
Opening 8' 1"–9' wide	33.75	81	51.10	138	58 50	153
Opening 9' 1"–10' wide	34.75	84	52.35	143	60 25	158

Note—Sets include Lag Screws for attaching track brackets. If attachment is to be made to brick or concrete, expansion shields should be ordered extra.
Direction sheet showing erecting details furnished with hardware.
If wicket entrance door is wanted, see page 20, for details and prices of hardware

Discount .....

Directions for Ordering Complete Sets

State—Designation of set and number of track. Width of opening. Thickness of doors. Distance doors lap on jambs. Always send sketch of floor plan with above dimensions inserted.

Example Order of Complete Set—One set, "SlydaSyde" DD-1 for No. 31 track. Opening 8' wide. Doors 1¾ inches thick. Doors lap 2 inches on jambs.

Fig. A-563—Interior of garage doorway showing single door equipment using "SlydaSyde" EE hardware.

SlydaSyde

Patented

R-W No. 235

Right Angle Garage Door Hardware

Single Door Equipment "EE"

With Curved Corner Track. Minimum Distance from Jamb to Side Wall 26 Inches—Hardware Suitable for Less Space Shown on Page 36

Fig. A-564—Floor plan showing door in closed position equipped with "SlydaSyde" EE hardware.

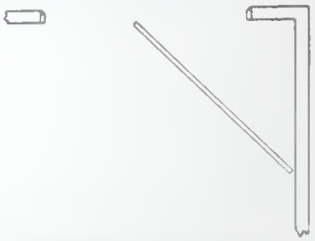


Fig. A-565—Floor plan showing position of door half closed, equipped with "SlydaSyde" EE hardware.

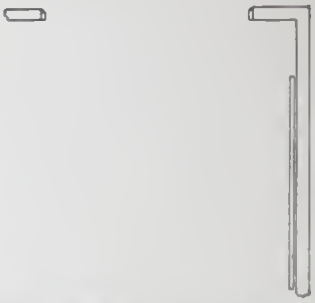


Fig. A-566—Floor plan showing position of door wide open, equipped with "SlydaSyde" EE hardware.

List Price of Equipments Complete with Track, Bolts and Screws Necessary to Erect

DESCRIPTION	With No. 31 track for doors weighing up to 300 lbs. each		With No. 232 track for doors weighing between 300-500 lbs. each		With No. 33 track for doors weighing between 500-800 lbs. each	
	List Price	Shipping Wgt., lbs.	List Price	Shipping Wgt., lbs.	List Price	Shipping Wgt., lbs.
Set EE-1, to lock door from inside only, including 1 R-W No. 524-1 Cane Bolt (p. 57), with No. 31 track.						
Opening up to 8' wide	$25 60	65				
Opening 8' 1"-9' wide	26 60	68				
Opening 9' 1"-10' wide	27 60	70				
Set EE-2, to lock door from inside only, including 1 R-W No. 524-2 Cane Bolt (p. 57), with No. 232 or No. 33 track						
Opening up to 8' wide			$39 75	113	$48 10	130
Opening 8' 1"-9' wide			41 00	118	49 85	136
Opening 9' 1"-10' wide			42 25	123	51 60	142
Set EE-3, to lock door from inside only, including 1 R-W No. 516 Door Bolt (p. 58)						
Opening up to 8' wide	26 95	64	40 90	113	49 10	130
Opening 8' 1"-9' wide	27 95	67	42 15	118	50 85	136
Opening 9' 1"-10' wide	28 95	69	43 40	123	52 60	142
*Set EE-4, to lock door from both inside and outside, including 1 R-W No. 525 Lock (p. 59)						
Opening up to 8' wide	29 35	65	42 25	113	50 60	130
Opening 8' 1"-9' wide	30 35	68	43 50	118	52 35	136
Opening 9' 1"-10' wide	31 35	70	44 75	123	54 10	142

*When the No. 525 Lock is attached to the front edge of the door, it is advisable, though not necessary, to use the No. 635 Floor Guide, (listed p. 62), to hold the back edge of the door tight against the casing.

Note—Sets include lag screws for attaching track brackets. If attachment is to be made to brick or concrete, expansion shields should be ordered extra. Direction sheet showing erecting details furnished with hardware.

If wicket entrance door is wanted, see p. 20 for details and prices of hardware.

Discount

Directions for Ordering Complete Sets

State—Designation of set and number of track. Width of opening. Thickness of doors. Distance between jamb and side wall. Distance door laps on jamb. Always send sketch of floor plan with above dimensions inserted.

Example Order of Complete Sets—One Set, "SlydaSyde" EE-3 for No. 31 Track. Opening 8 feet wide. Doors 1¾ inches thick. 30 inches between jamb and side wall. Doors lap 2 inches on jamb.

SlydaSyde

Patented

R-W No. 235

Right Angle Garage Door Hardware

Double Door Equipment "FF"

With Curved Corner Track. Minimum Distance from Jamb to Side Wall, 26 Inches—Hardware Suitable for Less Space Shown on Page 37

Fig. A-567—Interior of garage doorway showing double door equipment using "SlydaSyde" FF hardware.

Fig. A-568—Floor plan showing doors in closed position equipped with "SlydaSyde" FF hardware.

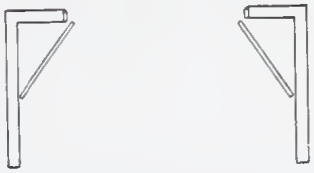


Fig. A-569—Floor plan showing position of doors half closed, equipped with "SlydaSyde" FF hardware.

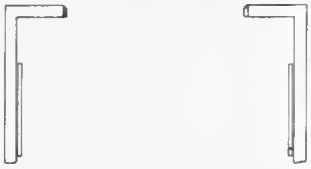


Fig. A-570—Floor plan showing position of doors wide open, equipped with "SlydaSyde" FF hardware.

List Price of Equipments Complete with Track, Bolts and Screws Necessary to Erect

DESCRIPTION	With No. 31 track for doors weighing up to 300 lbs. each		With No. 232 track for doors weighing between 300-500 lbs. each		With No. 33 track for doors weighing between 500-800 lbs. each	
	List Price	Shipping Wgt., lbs.	List Price	Shipping Wgt., lbs.	List Price	Shipping Wgt., lbs.
Set FF-1, to lock doors from inside only, including 2 R-W No. 524 Cane Bolts (p. 57).						
Opening up to 8′ wide	$40 50	86	$61 00	146	$71 00	165
Opening 8′ 1″–9′ wide	41 50	89	62.25	151	72 75	171
Opening 9′ 1″–10′ wide	42.50	92	63.50	156	74.50	177
Set FF-2, to lock doors from inside only, including 2 R-W No. 516 Door Bolts (p. 53).						
Opening up to 8′ wide	43 20	85	63 30	145	73.40	164
Opening 8′ 1″–9′ wide	44.20	88	64 55	150	75.15	170
Opening 9′ 1″–10′ wide	45.20	91	65.80	155	76.90	176
Set FF-3, including 1 R-W No. 524 Bolt, to lock one door from inside, and 1 R-W No. 525 Lock (p. 59), to lock one door from both inside and outside.						
Opening up to 8′ wide	41 80	87	63 60	146	73.70	165
Opening 8′ 1″–9′ wide	42 80	90	64 85	151	75.45	170
Opening 9′ 1″–10′ wide	43 80	93	66 10	156	77.20	177
Set FF-4, including 1 R-W No. 516 Door Bolt (p. 59), to lock one door from inside and 1 R-W No. 525 Lock (p. 58), to lock one door from both inside and outside.						
Opening up to 8′ wide	44 60	87	64 70	146	74 80	165
Opening 8′ 1″–9′ wide	45 60	90	65 95	155	76.55	171
Opening 9′ 1″–10′ wide	46 60	93	67 20	156	78.30	176

*When the No. 525 Lock is attached to the front edge of the door it is advisable, though not necessary, to use the No. 635 Floor Guide to hold the back edge of the door tight against the casing. If the floor guides are used on both sides of the opening the No. 524 and No. 516 Bolts can be omitted. Deduct the detailed list price of the omitted bolts from the price of the set, and add the price of the No. 635 Floor Guide Equipment (listed on page 62).

Note—Sets include lag screws for attaching track brackets. If attachment is to be made to brick or concrete, expansion shields should be ordered extra.
Direction sheet showing erecting details furnished with hardware.
If wicket entrance door is wanted, see page 20 for details and prices of hardware.

Discount.....

Directions for Ordering Complete Sets

State—Designation of set and number of track. Width of opening. Thickness of doors. Distance between jamb and side walls on each side. Distance doors lap on jambs. Always send sketch of floor plan with above dimensions inserted.

Example Order of Complete Sets—One Set, "SlydaSyde" FF-3 for No. 31 Track. Opening 8 feet wide. Doors 1¾ inches thick. Distance between jamb and side wall, 30 inches on right side; 28 inches on left side. Doors lap 2 inches on jamb.

Fig A-571—Interior of garage doorway showing two doors hinged together equipped with "SlydaSyde" GG hardware.

SlydaSyde

Patented

R-W No. 235
Right Angle Garage Door Hardware

Equipment "GG" for Two Doors Hinged Together

With Curved Corner Track. Minimum Distance from Jamb to Side Wall, 26 Inches—Hardware Suitable for Less Space Shown on Page 38

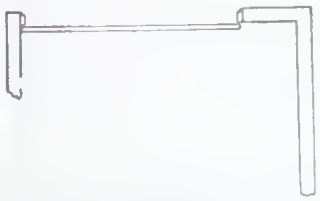


Fig. A-572—Floor plan showing doors in closed position, equipped with "SlydaSyde" GG hardware.

Fig A-573—Floor plan showing position of doors half closed, equipped with "SlydaSyde" GG hardware.

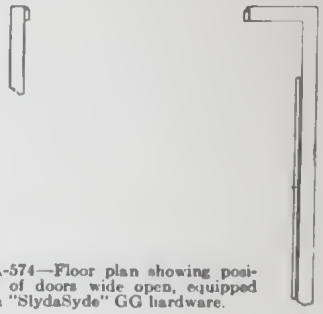


Fig A-574—Floor plan showing position of doors wide open, equipped with "SlydaSyde" GG hardware.

List Price of Equipments Complete with Track, Bolts and Screws Necessary to Erect

DESCRIPTION	With No. 31 track for doors weighing up to 300 lbs. each		With No. 232 track for doors weighing between 300-500 lbs. each		With No. 33 track for doors weighing between 500-800 lbs each	
	List Price	Shipping Wgt., lbs.	List Price	Shipping Wgt., lbs.	List Price	Shipping Wgt., lbs
Set GG-1, to lock doors from inside only, including 1 R-W No. 524-1 Cane Bolt (p 57), with No. 31 track						
Opening up to 8' wide	$31 00	78				
Opening 8' 1"–9' wide	32 00	81				
Opening 9' 1"–10' wide	33 00	84				
Set GG-2, to lock doors from inside only, including 1 R-W No. 524-2 Cane Bolt (p. 57), with No. 232 or No. 33 track.						
Opening up to 8' wide			$46 10	128	$55 00	147
Opening 8' 1"–9' wide			47 35	134	56 75	153
Opening 9' 1"–10 'wide			48 60	140	58 50	159
Set GG-3, to lock doors from inside only, including 1 R-W No. 516 Door Bolt (p. 58).						
Opening up to 8' wide	32 20	78	47 20	128	56 10	147
Opening 8' 1"–9' wide	33 20	81	48 45	134	57 85	153
Opening 9' 1"–10' wide	34 20	84	49 70	140	59 60	159
*Set GG-4, to lock doors from both inside and outside, including 1 R-W No 525 Lock (p 50)						
Opening up to 8' wide	33 60	78	48 60	128	57 50	147
Opening 8' 1"–9' wide	34 60	81	49 85	134	59 25	153
Opening 9' 1"–10' wide	35 60	84	51 10	140	61 00	159

*When the No. 525 Lock is attached to the front edge of the door, it is advisable, though not necessary, to use the No. 635 Floor Guide, (listed p. 62) to hold the back edge of the door tight against the casing.

Note—Sets include lag screws for attaching track brackets. If attachment is to be made to brick or concrete, expansion shields should be ordered extra.

Direction sheet showing erecting details furnished with hardware.

If wicket entrance door is wanted, see page 20 for details and prices of hardware.

Discount

Directions for Ordering Complete Sets

State—Designation of set and number of track. Width of opening. Thickness of doors. Distance between jamb and side wall. Distance door laps on jamb. Always send sketch of floor plan with above dimensions inserted.

Example Order of Complete Sets—One set, "SlydaSyde" GG-3 for No 31 track. Opening 10 feet wide. Doors 1¾ inches thick. Distance between jamb and side wall 32 inches. Door laps on jamb 2 inches.

SlydaSyde

Patented

R-W No. 235

Right Angle Garage Door Hardware

Equipment "HH" for Two Pairs of Doors Hinged Together with Curved Track

For Two Pairs of Doors Hinged Together, Opening in Opposite Directions, with Curved Corner Track. Minimum Distance from Jambs to the Side Walls, 26 Inches—Hardware Suitable for Less Space Shown on Page 39

Fig A-575—Interior of garage doorway showing two pairs of doors hinged together, equipped with "SlydaSyde" HH hardware

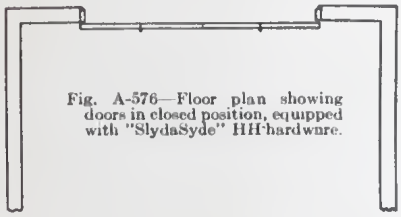


Fig. A-576—Floor plan showing doors in closed position, equipped with "SlydaSyde" HH hardware.

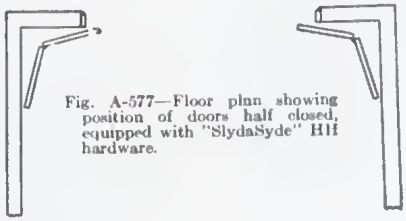


Fig. A-577—Floor plan showing position of doors half closed, equipped with "SlydaSyde" HH hardware.

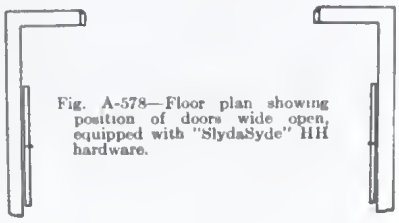


Fig. A-578—Floor plan showing position of doors wide open, equipped with "SlydaSyde" HH hardware.

List Price of Equipments Complete with Track, Bolts and Screws Necessary to Erect

DESCRIPTION	With No. 31 track for doors weighing up to 300 lbs. each		With No. 232 track for doors weighing between 300-500 lbs. each		With No. 33 track for doors weighing between 500-800 lbs. each	
	List Price	Shipping Wgt., lbs.	List Price	Shipping Wgt., lbs.	List Price	Shipping Wgt., lbs.
Set HH-1, to lock doors from inside only, including 2 R-W No. 524 Cane Bolts (p. 57).						
Opening up to 8' wide	$50 99	103	$73 50	169	$84 60	190
Opening 8' 1"–9' wide	51 99	106	74 75	174	86 35	196
Opening 9' 1"–10' wide	52 99	109	76 00	179	88 10	202
Set HH-2, to lock doors from inside only, including 2 R-W No. 516 Door Bolts (p. 58)						
Opening up to 8' wide	53 60	104	75 70	169	86 80	189
Opening 8' 1"–9' wide	54 60	107	76 95	174	88 55	195
Opening 9' 1"–10' wide	55 60	110	78 20	179	90 30	201
*Set HH-3, including 1 R-W No. 524 Bolt (p. 57), to lock one door from inside, and 1 R-W No. 525 Lock (p. 59), to lock one door from both inside and outside.						
Opening up to 8' wide	53 90	104	76 00	169	87 10	190
Opening 8' 1"–9' wide	54 90	107	77 25	174	88 85	196
Opening 9' 1"–10' wide	55 90	110	78 50	179	90 60	202
*Set HH-4, including 1 R-W No. 516 Door Bolt (p. 58), to lock one door from the inside, and 1 R-W No. 525 Lock (p. 59), to lock one door from both inside and outside.						
Opening up to 8' wide	55 00	104	77 10	169	88 20	190
Opening 8' 1"–9' wide	56 00	107	78 35	174	89.95	196
Opening 9' 1"–10' wide	57.00	110	79 60	179	91.70	202

*When the No. 525 Lock is attached to the front edge of the door, it is advisable, though not necessary, to use the No. 635 Floor Guide to hold the back edge of the door tight against the casing. If the floor guides are used on both sides of the opening, the No. 524 and No. 516 Bolts can be omitted. Deduct the detailed list price of the omitted bolts from the price of the set, and add the price of the No. 635 Floor Guide Equipment, (listed on page 62).

Note—Sets include lag screws for attaching track brackets. If attachment is to be made to brick or concrete, expansion shields should be ordered extra.
Direction sheet showing erecting details furnished with hardware.
If wicket entrance door is wanted, see page 20 for details and prices of hardware.

Discount.....

Directions for Ordering Complete Sets

State—Designation of set and number of track. Width of opening. Thickness of doors. Distance between jambs and side walls on each side. Distance doors lap on jambs. Always send sketch of floor plan with above dimensions inserted.

Example Order of Complete Sets—One Set, "SlydaSyde" HH-4, for No. 33 Track. Opening 10 feet wide. Doors 2¼ inches thick. Distance between jamb and side wall, 30 inches on right side; 32 inches on left side. Doors lap on jambs, 2 inches.

SlydaSyde

Patented

Right Angle Garage Door Hardware

R-W No. 235

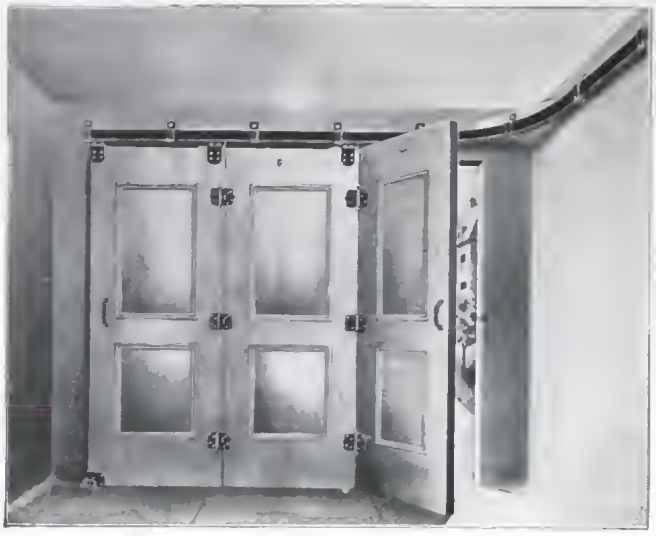


Figure A-579—Interior of garage doorway showing three doors equipped with "SlydaSyde" "II" hardware.

Equipment "II" for Three Doors Hinged Together and Curved Trolley Track

For three doors hinged together. The door nearest the side of the building toward which the doors slide in opening, is used as passage door. The doors may be mounted to slide to the right as shown in the illustration or to slide to the left. Hardware is reversible. This hardware can be used in any opening regardless of the distance from the jamb to the side wall, but only sufficient straight track is included in the price of the complete set for a distance from jamb to side wall not exceeding two feet. The radius of the curved track is 24 inches.

Fig. A-579A—Floor plan showing doors in closed position, equipped with "SlydaSyde" II Hardware.

Fig. A-580—Floor plan showing position of doors half closed, equipped with "SlydaSyde" II Hardware.

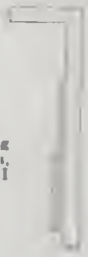


Fig. A-581—Floor plans showing position of doors wide open, equipped with "SlydaSyde" II Hardware.

List Price of Equipment Complete with Track, Bolts and Screws Necessary to Erect

DESCRIPTION	With No. 31 track for doors weighing up to 300 lbs. each		With No. 232 track for doors weighing between 300–500 lbs. each		With No. 33 track for doors weighing between 500–800 lbs. each	
	List Price	Shipping Wt., lbs.	List Price	Shipping Wt., lbs.	List Price	Shipping Wt., lbs.
Set II-1, with No. 835 Locking Bolts:						
Opening up to 8' wide	$27 00	60	$38 00	94	$44 00	122
Opening 8' 1"–9' wide	28 00	64	39 50	101	45 50	131
Opening 9' 1"–10' wide	29 50	68	41 50	119	47 50	141
Set II-2, to lock doors with No. 525 Lock from outside only:						
Opening up to 8' wide	30 00	62	41 00	96	47 00	124
Opening 8' 1"–9' wide	31 00	66	42 50	103	48 50	133
Opening 9' 1"–10' wide	32 50	70	43 50	121	50 50	143

Note—Sets include lag screws for attaching track brackets. If attachment is to be made to brick or concrete, expansion shields should be ordered extra. Direction sheet showing erection details furnished with the hardware.

Discount

Directions for Ordering Complete Sets

State—Designation of set and number of track. Width of opening. Thickness of doors. Distance between jambs and side wall toward which the doors slide in opening. Always send sketch of floor plan with above dimensions inserted.

Example Order of Complete Sets—One Set, "SlydaSyde" II-1 for No. 31 track. Opening 8 feet wide. Doors 1¾ inches thick. Distance between the jamb and side wall toward which doors slide in opening, 16 inches.

CORNR-WISE

Patented

R-W No. 635

Garage Door Hardware

for

Single Doors, Double Doors, Two Doors Hinged Together

and for

Two Pairs of Doors Hinged Together

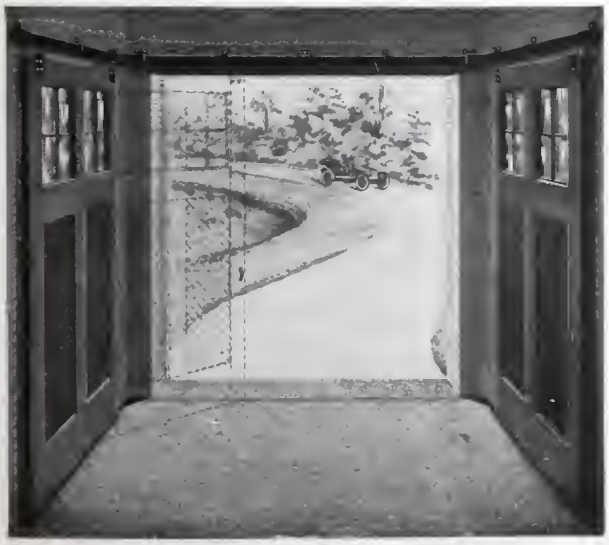


Fig. A-582—Interior view, doorway equipped with "CornR-Wise" hardware for double doors.

Fig. A-583—Interior view showing doorway with two doors hinged together, equipped with "CornR-Wise" hardware.

THE No. 635 hardware set corresponds in general respects with the No. 235 "SlydaSyde" shown on the preceding pages, the door arrangement and movement being practically the same. The doors when open stand along the side wall at right angles to the opening, inside the building, and require a negligible amount of space for their operation in swinging around the corner.

The particular feature which distinguishes the No. 635 hardware, is the exceptionally narrow space between the jamb and the side wall in which the hardware can be installed, due to the No. 635 short radius corner bracket, and the Ball-Bearing Hangers, especially designed to operate in a short radius curve with a negligible amount of friction. Six inches or more of space between back edge of closed door and side wall, provides for free movement of the door.

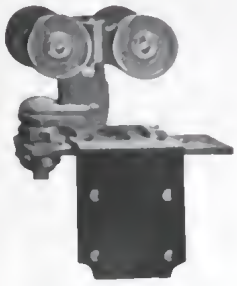
Installations of this No. 635 Hardware may be made with one or more doors in an opening of any width, the only limitation to the width of the opening being to the corresponding side-wall space against which the doors must stand in open position.

Hardware listed in the following lists, cover openings with single doors sliding to one side; double doors, one of which slides to each side; two doors hinged together sliding to one side; and two pairs of doors hinged together, one pair of which slide to each side.

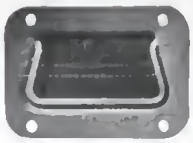
CORNERWISE
Patented

Garage Door Hardware

R-W No. 635



Four-Wheel Offset Hinged Pendant Hangers
No 635-1 for No 31 track
No 635-8 for No 232 track
No 635-4 for No 33 track

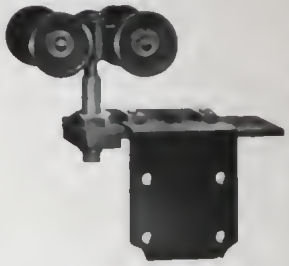


Flush Drop Handle
No 170

Center Bracket
No 635-1 x 31
No 635-1 x 232
No 635-1 x 33

Center Stop Bracket
No. 635-12x 31
No. 635-12x232
No 635-12x 33

End Bracket
No 635-2 x 31
No 635-2 x 232
No 635-2 x 33



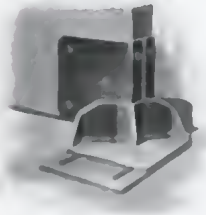
Four-Wheel Rigid Pendant Hangers
No 635-1 for No. 31 track
No 635-7 for No. 232 track
No 635-2 for No. 33 track

Corner Bracket
No 635 x 31-CB
No 635 x 232-CB
No 635 x 33-CB

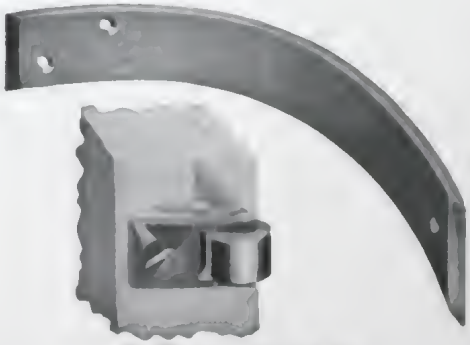
← Tapered Track

Tapered Track →

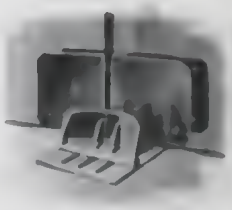
Straight Track
No 635 x 31
No 635 x 232
No 635 x 33



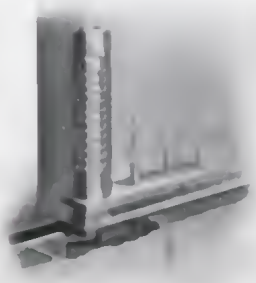
Floor End Stop No. 272
Bumper Shoes, No. 425-72



No 635 Corner Guide Roller
No 635 Corner Guide Strip

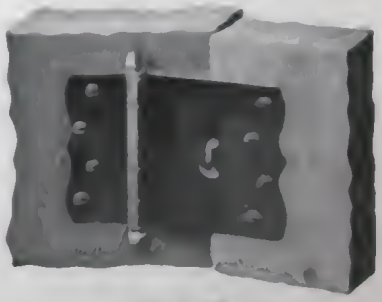


Center Floor Guide No. 271
Bumper Shoes, No. 425-72



No. 635 F. G. Floor Guide and Floor Guide Track

Bow Handle
No 61 1



Surface Hinge
No 635

CORNRWISE

Patented

Garage Door Hardware

R-W No. 635

Fig. A-584—Two car garage, equipped with "CornR-Wise" door hardware.

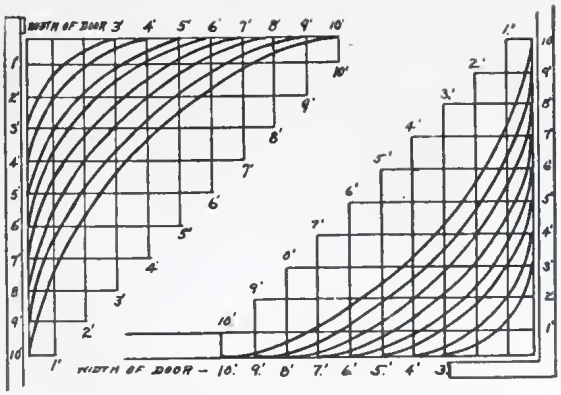


Fig A-585
Diagram Showing Clearance Curves—Using No 635 Hangers

Hanger Dimensions

Hanger No.	For Track No.	Diameter Wheels, Inches	Bearings in Hanger	Pendant	Headroom Above Top of Door (Not Opening)	
					Doors in Pairs	Single Doors
635–1	31	2⅛	Ball	Rigid	6⅝" to 7⅜"	6⅜" to 7⅜"
635–3	31	2⅛	Ball	Hinged	6⅝" to 7⅜"	6¾" to 7¾"
635–7	232	3	Ball	Rigid	7⅞" to 9½"	7⅜" to 9½"
635–8	232	3	Ball	Hinged	7⅞" to 9½"	7⅜" to 9½"
635–2	33	3	Ball	Rigid	8¼" to 9⅞"	8" to 9⅞"
635–4	33	3	Ball	Hinged	8¼" to 9⅞"	8" to 9⅞"

Detail of Hardware and List Price of Parts

DESCRIPTION	With No. 31 Track for Doors weighing up to 300 lbs. each			With No. 232 Track for Doors weighing between 300–500 lbs. each			With No. 33 Track for Doors weighing between 500–800 lbs. each		
	Number	Price	Shipping Wgt., lbs.	Number	Price	Shipping Wgt., lbs.	Number	Price	Shipping Wgt., lbs.
Hangers, rigid, each	635–1	$4 00	4¼	635–7	$5 00	9¼	635–2	$6 00	10½
Hangers, hinged pendant, each	635–3	4 00	5	635–8	5 00	10½	635–4	6 00	10½
Surface Hinges, per pair	635	1.20	2	635	1 20	2	635	1 20	2
Floor End Stops, each	272	.72	2	272	72	2	272	72	2
Bumper Shoes, each	435–72	12	5 oz.	435–72	.12	5 oz.	435–72	.12	5 oz
Guide Rollers, each	635	.50	¼	635	50	¼	635	50	¼
Corner Guide Strips, each	635	40	¾	635	40	¾	635	40	¾
Center Floor Guide, each	271	.96	2½	271	96	2½	271	96	2½
Center Brackets, each	635–1x31	.32	1	635–1x232	.68	2	635–1x33	.88	2½
Bow Handles, each	81–1	.20	½	81–1	.20	½	81–1	20	½
Flush Drop Handles, each	170	36	½	170	36	½	170	.36	½
End Brackets, each	635–2x31	.32	1	635–2x232	.68	2	635–2x33	.88	2½
Corner Brackets, with 18 inch of tapered track at each end, complete	635x31–CB	3 50	10	635x232–CB	5 00	17 4	635x33–CB	5 00	20
Center Stop Brackets, each	635–12x31	1 00	2¼	635–12x232	1.60	4¼	635–12x33	2 00	5¾
Straight Track, per foot	635x31	38	1 6	635x232	.68	2 8	635x33	.88	3 3
Floor Guide Track, per foot	635–TK	.12	⅜	635–TK	.12	⅜	635–TK	12	⅜
Floor Guide Track Curve, each	635–C	60	1	635–C	60	1	635–C	60	1
Floor Guide, each	635–FG	80	¾	635–FG	80	¾	635–FG	80	¾

Discount

CORNRWISE

Patented

Garage Door Hardware for Single Door

R-W No. 635

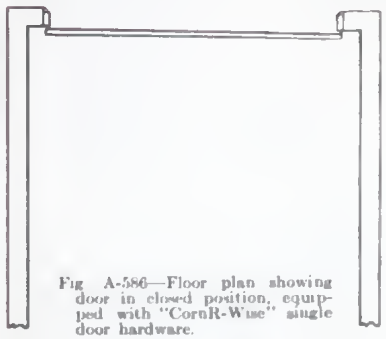


Fig A-586—Floor plan showing door in closed position, equipped with "CornR-Wise" single door hardware.

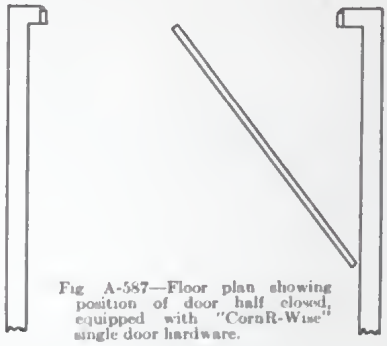


Fig A-587—Floor plan showing position of door half closed, equipped with "CornR-Wise" single door hardware.

Fig A-588—Floor plan showing position of door wide open, equipped with "CornR-Wise" single door hardware.

List Price of Equipments Complete with Track, Bolts and Screws Necessary to Erect

DESCRIPTION	With No. 31 track for doors weighing up to 300 lbs. each		With No. 232 track for doors weighing between 300-500 lbs. each		With No. 33 track for doors weighing between 500-800 lbs. each	
	List Price	Shipping Wgt., lbs.	List Price	Shipping Wgt., lbs.	List Price	Shipping Wgt., lbs.
Set to lock door from inside only, including 1 R-W No. 524 Cane Bolt (p. 57)						
Opening up to 8' wide	$24.00	72	$38.30	118	$46.55	131
Opening 8' 1"–9' wide	24.75	74	39.65	121	49.30	134
Opening 9' 1"–10' wide	25.50	76	41.00	124	51.80	138
Set to lock door from inside only, including 1 R-W No. 516 Door Bolt (p. 58).						
Opening up to 8' wide	25.50	72	39.50	118	47.75	131
Opening 8' 1"–9' wide	26.25	74	40.85	121	50.50	134
Opening 9' 1"–10' wide	27.00	76	42.20	124	53.00	138
*Set to lock door from both inside and outside, including 1 R-W No. 525 Lock (p. 59).						
Opening up to 8' wide	26.85	73	40.85	119	49.10	132
Opening 8' 1"–9' wide	27.60	75	42.20	122	51.85	135
Opening 9' 1"–10' wide	28.35	77	43.55	125	54.35	139

*When the No. 525 Lock is attached to the front edge of the door, it is advisable, though not necessary, to use the No. 635 Floor Guide, (listed p. 62), to hold the back edge of the door tight against the casing. Floor Guide and Floor Guide Track not included in above prices.

Note—Sets include lag screws for attaching track brackets. If attachment is to be made to brick or concrete, expansion shields should be ordered extra. Direction sheet showing erection details furnished with hardware.

If wicket entrance door is wanted, see page 20 for details and prices of hardware.

Discount

Directions for Ordering Complete Sets

State—Designation of set and kind of track and locking bolts wanted. Width of opening. Distance between jamb and side wall. Thickness of doors. Distance door laps on jamb. Always send sketch of floor plan with above dimensions inserted.

Example Order of Complete Set—One Set, "CornR-Wise" No. 635 Single Door Equipment for No. 31 Track, with No. 524-1 Bolt. Opening 9 feet wide. 12 inches between jamb and side wall. Door 1¾ inches thick. Door laps on jamb 2 inches.

CORNRWISE

Patented

Garage Door Hardware for Double Doors

R-W No. 635

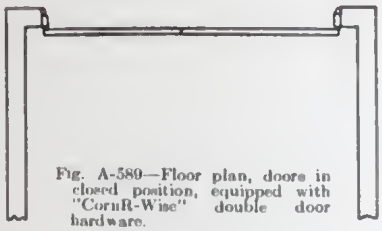


Fig. A-589—Floor plan, doors in closed position, equipped with "CornR-Wise" double door hardware.

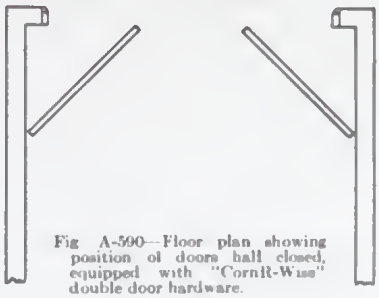


Fig. A-590—Floor plan showing position of doors half closed, equipped with "CornR-Wise" double door hardware.

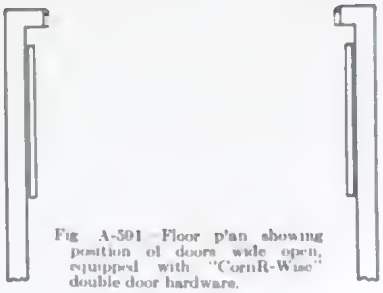


Fig. A-591—Floor plan showing position of doors wide open, equipped with "CornR-Wise" double door hardware.

List Price of Equipments Complete with Track, Bolts and Screws Necessary to Erect

DESCRIPTION	With No. 31 track for doors weighing up to 300 lbs. each		With No. 232 track for doors weighing between 300–500 lbs. each		With No. 33 track for doors weighing between 500–800 lbs. each	
	List Price	Shipping Wgt., lbs.	List Price	Shipping Wgt., lbs.	List Price	Shipping Wgt., lbs.
Set to lock doors from inside only, including 2 R-W No. 524 Cane Bolts (see p. 57).						
Opening up to 8' wide	$43.00	101	$60.75	164	$71.50	180
Opening 8' 1"–9' wide	43.75	103	62.10	167	73.15	181
Opeoing 9' 1"–10' wide	44.50	105	63.45	170	74.90	186
Set to lock doors from inside only, including 2 R-W No. 516 Door Bolts (see p. 58).						
Opening up to 8' wide	47.00	101	63.15	164	73.90	180
Opening 8' 1"–9' wide	47.75	103	64.50	167	75.65	181
Opening 9' 1"–10' wide	48.50	105	65.85	170	77.40	186
*Set including 1 R-W No. 524 Bolt (see p. 57), to lock one door from inside, and 1 R-W No. 525 Lock (see p. 59), to lock one door both inside and outside.						
Opening up to 8' wide	45.85	102	63.30	165	74.05	181
Opening 8' 1"–9' wide	46.60	104	64.65	168	75.80	184
Opening 9' 1"–10' wide	47.35	106	66.00	171	77.55	187
*Set including 1 R-W No. 516 Door Bolt (see p. 58), to lock one door from the inside, and 1 R-W No. 525 lock (see p. 59), to lock ooe door from both inside and outside.						
Opening up to 8' wide	47.35	102	64.50	165	75.25	181
Opening 8' 1"–9' wide	48.10	104	65.85	168	77.00	184
Opening 9' 1"–10' wide	48.85	106	67.20	171	78.75	187
*Set including 1 R-W No. 525 Lock (see p. 59), to lock doors from both inside and outside						
Opening up to 8' wide	45.00	99	62.10	162	72.85	178
Opening 8' 1"–9' wide	45.75	101	63.45	165	74.60	181
Opening 9' 1"–10' wide	46.50	103	64.80	168	76.35	184

*When the No. 525 Lock is attached to the front edge of the door it is advisable, though not necessary, to use the No. 635 Floor Guide, (p. 62), to hold the back edge of the door tight against the casing. Floor Guide and Floor Guide Track are not included in above list prices.

Note—Sets include lag screws for attaching track brackets. If attachment is to be made to brick or concrete, expansion shields should be ordered extra.
Direction sheet showing erecting details furnished with hardware.
If wicket entrance door is wanted, see page 20 for details and prices of hardware.

Discount

Directions for Ordering Complete Sets

State—Designation of set and kind of track. Width of opening. Distance between jambs and side walls. Thickness of doors. Distance doors lap on jambs. Always send sketch of floor plan with above dimensions inserted.

Example Order of "CornR-Wise" Complete Sets—1 Set "CornR-Wise" No. 635 Double Door Equipment for No. 31 track with No. 524-1 Bolt. Opening 9 feet wide. 12 inches between jambs and side walls. Doors 1¾ inches thick. Doors lap on jambs 2 inches.

CORNRWISE
Patented

Garage Door Hardware for Two Doors Hinged Together and Sliding to One Side

R-W. No. 635

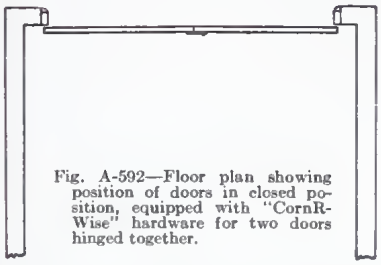


Fig. A-592—Floor plan showing position of doors in closed position, equipped with "CornR-Wise" hardware for two doors hinged together.

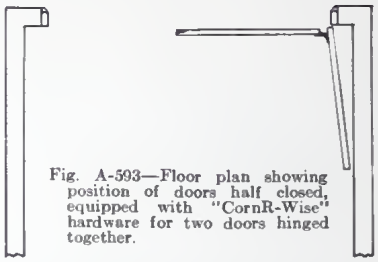


Fig. A-593—Floor plan showing position of doors half closed, equipped with "CornR-Wise" hardware for two doors hinged together.

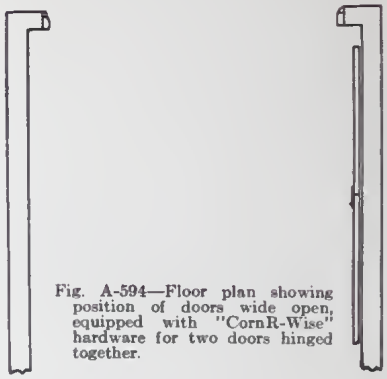


Fig. A-594—Floor plan showing position of doors wide open, equipped with "CornR-Wise" hardware for two doors hinged together.

List Price of Equipments Complete with Track, Bolts and Screws Necessary to Erect

DESCRIPTION	With No. 31 track for doors weighing up to 300 lbs. each		With No. 232 track for doors weighing between 300–500 lbs. each		With No. 33 track for doors weighing between 500–800 lbs. each	
	List Price	Shipping Wgt., lbs.	List Price	Shipping Wgt., lbs.	List Price	Shipping Wgt., lbs.
Set to lock doors from inside only, including 1 R-W No. 524–1 Cane Bolt (see p. 57), with No. 31 track.						
Opening up to 8′ wide	$33.75	83				
Opening 8′ 1″–9′ wide	34.50	85				
Opening 9′ 1″–10′ wide	35.25	87				
Set to lock doors from inside only, including 1 R-W No. 524–2 Cane Bolt (see p. 57) with No. 232 or No. 33 track.						
Opening up to 8′ wide			$47.60	134	$57.20	147
Opening 8′ 1″–9′ wide			49.00	137	58 00	150
Opening 9′ 1″–10′ wide			50.35	140	59.75	153
Set to lock doors from inside only, including 1 R-W No. 516 Door Bolt (see p. 58)						
Opening up to 8′ wide	35 25	83	48 80	134	58 40	147
Opening 8′ 1″–9′ wide	36 00	85	50 15	137	60 15	150
Opening 9′ 1″–10′ wide	36.75	87	51.50	140	61.90	153
*Set to lock doors from inside or outside, including 1 R-W No. 525 Lock (see p. 59).						
Opening up to 8′ wide	36 60	84	50 15	135	59.75	148
Opening 8′ 1″–9′ wide	37 35	86	51.50	138	61.50	151
Opening 9′ 1″–10′ wide	38 10	88	52 85	141	63 25	154

*When the No. 525 Lock is attached to the front edge of the door, it is advisable, though not necessary, to use the No. 635 Floor Guide, (listed p. 62), to hold the back edge of the door tight against the casing. Floor Guide and Floor Guide Track are not included in above list prices.

Note—Sets include lag screws for attaching track brackets. If attachment is to be made to brick or concrete, expansion shields should be ordered extra.

Direction sheet showing erecting details furnished with hardware.

If wicket entrance door is wanted, see page 20 for details and prices of hardware.

Discount.....

Directions for Ordering Complete Sets

State—Designation of set and number of track. Width of opening Thickness of doors. Distance between jamb and side wall. Distance door laps on jamb. Always send sketch of floor plan with above dimensions inserted.

Example Order of Complete Sets—One Set, "CornR-Wise" No. 635 Equipment for Two Doors Hinged Together and Sliding to One Side Including No. 31 Track, with No. 524–1 Bolts. Opening 9 feet wide. 12 inches between jamb and side wall. Doors 1¾ inches thick. Doors lap on jamb 2 inches.

CORNR-WISE

Garage Door Hardware for Two Pairs of Doors Hinged Together

R-W No. 635

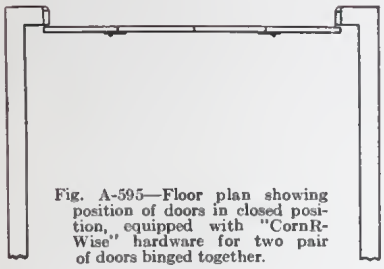


Fig. A-595—Floor plan showing position of doors in closed position, equipped with "CornR-Wise" hardware for two pair of doors binged together.

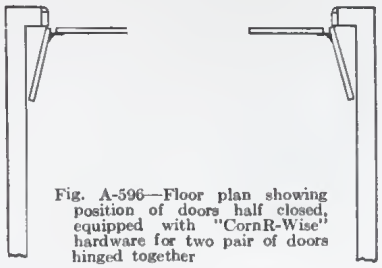


Fig. A-596—Floor plan showing position of doors half closed, equipped with "CornR-Wise" hardware for two pair of doors hinged together

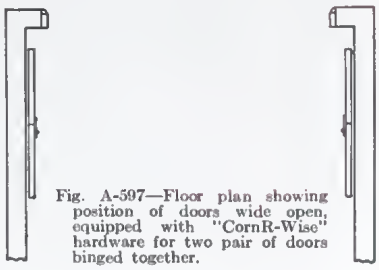


Fig. A-597—Floor plan showing position of doors wide open, equipped with "CornR-Wise" hardware for two pair of doors binged together.

List Price of Equipments Complete with Track, Bolts and Screws Necessary to Erect

DESCRIPTION	With No. 31 track for doors weighing up to 300 lbs. each		With No. 232 track for doors weighing between 300–500 lbs. each		With No. 33 track for doors weighing between 500–800 lbs. each	
	List Price	Shipping Wgt., lbs.	List Price	Shipping Wgt., lbs.	List Price	Shipping Wgt., lbs.
Set to lock doors from inside only, including 2 R-W No. 524–1 Cane Bolts, (p. 57), with No. 31 track.						
Opening up to 8′ wide	$58 40	124				
Opening 8′ 1″ to 9′ wide	59.15	127				
Opening 9′ 1″ to 10′ wide	59.90	130				
Set to lock doors from inside only, including 2 R-W No. 524–2 Cane Bolts, (p. 57), with No. 232 or No. 33 track.						
Opening up to 8′ wide			$78 35	194	$90 75	210
Opening 8′ 1″ to 9′ wide			79.70	197	92.50	213
Opening 9′ 1″ to 10′ wide			81.05	200	94 25	216
Set to lock doors from inside only, including 2 R-W No. 516 Door Bolts, (p. 58).						
Opening up to 8′ wide	61 40	124	80.75	194	93 15	210
Opening 8′ 1″ to 9′ wide	62 15	127	82 10	197	94 90	213
Opening 9′ 1″ to 10′ wide	62 90	130	83.45	200	96 65	216
*Set including 1 R-W No. 524–1 Bolt, (p. 57), with No. 31 track, to lock one door from the inside, and 1 R-W No. 525 Lock, (p. 59), to lock one door from the inside or outside.						
Opening up to 8′ wide	61 25	125				
Opening 8′ 1″ to 9′ wide	62 00	128				
Opening 9′ 1″ to 10′ wide	62.75	131				
*Set including 1 R-W No. 524–2 Bolt, (p. 57), with No. 232 or No. 33 track, to lock one door from inside, and 1 R-W No. 525 Lock, (p. 59), to lock one door from both inside or outside.						
Opening up to 8′ wide			80 90	195	93 30	211
Opening 8′ 1″ to 9′ wide			82.25	198	95 05	214
Opening 9′ 1″ to 10′ wide			83 60	201	96 80	217
*Set including 1 R-W No. 516 Door Bolt, (p. 58), to lock one door from the inside, and 1 R-W No. 525 Lock, (p. 59), to lock one door from both inside or outside.						
Opening up to 8′ wide	62.75	124	82.10	194	94 50	210
Opening 8′ 1″ to 9′ wide	63 50	127	83 45	197	96 25	213
Opening 9′ 1″ to 10′ wide	64 25	130	84 80	200	98 00	216
*Set including 1 R-W No. 525 Lock, (p. 59), to lock door from inside or outside.						
Opening up to 8′ wide	60 35	121	79 70	191	92 10	207
Opening 8′ 1″ to 9′ wide	61.10	124	81 05	194	93 85	209
Opening 9′ 1″ to 10′ wide	61 85	127	82.40	197	95 60	212

*When the No. 525 Lock is attached to the front edge of the door, it is advisable, though not necessary, to use the No. 635 Floor Guide, (listed p. 62), to hold the back edge of the door tight against the casing. Floor Guide and Floor Guide Track are not included in above list prices.

Note—Sets include lag screws for attaching track brackets. If attachment is to be made to brick or concrete, expansion shields should be ordered extra.

Direction sheet showing erecting details furnished with hardware.

If wicket entrance door is wanted, see page 20 for details and prices of hardware

Discount.....

Directions for Ordering Complete Sets

State—Designation of set and kind of track. Width of opening. Thickness of doors. Distance between jambs and side walls on each side. Distance doors lap on jambs. Always send sketch of floor plan with above dimensions inserted.

Example Order of Complete Sets—One Set, "CornR-Wise" No. 635 Double pair of Doors equipment for No. 31 Track, with No. 524–1 Bolts. Opening 10 feet wide. Doors 2¼ inches thick. Distance between jamb and side wall 12 inches on right side, 14 inches on left. Doors lap on jamb 2 inches.

ROUND RUNNER

R-W No. 835

Fig. A-598—Single car garage doorway having three-door "Round-Runner" equipment — doors in open position.

Fig. A-599—Detailed illustration of hanger, track and surface hinge

Hardware made of steel, except hanger wheel, which is grey iron. Hanger wheel is 2½ inches in diameter. Apron 2¼ in. wide by 5 in. long.

Fig. A-600—Single car garage doorway having three-door "Round-Runner" equipment — entrance door open

Garage Door Hardware

This hardware is intended for light doors from 1¾ inches to 2¼ inches thick, and not more than 40 inches wide, that run around the corner inside the garage and stand out of the way against the side wall when the doors are open. Provides for entrance door without additional doorway. One set of fixtures is sufficient for handling a 3-door outfit as in illustrations. If larger opening is required, 6 doors may be used in one opening by installing two sets of fixtures.

Three-Door Outfit for Eight-Foot Opening Packed in One Box

All hardware required to completely equip three doors, including track, packed in a strong wooden box, as follows:

- 3 No. 835 Hangers.
- 1 No. 835 Track Curve.
- 8 Pcs. No. 835 Track, each 24 inches long, with Brackets.
- 3 Pair Hinges.
- 2 No. 835 Stay Rollers.
- 1 No. 272 End Floor Stop.
- 2 No. 71-2 Bow Handles.
- 1 No. 835 Door Bolt.
- 2 No. 435-72 Bumper Shoes.
- 1 No. 119 Door Holder.
- 1 Package Bolts and Screws.

Erecting Instructions Packed with Hardware

Set for three-door 10-foot opening contains 10 pieces of No. 835 Track, each 24 inches long, otherwise is identical with set for 8-foot opening.

List Price

Hardware for 3-door, 8-foot opening, per set	$15.00
Weight, per set	55 pounds
Hardware for 3-door, 10-foot opening, per set	$16.00
Weight, per set	60 pounds

Note—For six-door entrance, use two three-door sets. For four-door entrance, use one three-door set, and 1½ pair Butt Hinges, extra.

R-W Straight Sliding Door Hardware

For Single and Double Sliding Doors on One Track. To Be Installed Inside or Outside the Building. For Doors Weighing Up to 1,000 Pounds. Made in Four Sizes of Track

From the suggested hardware sets and price list following, hardware equipment for straight sliding doors to suit a wide variety of doorway conditions, for inside or outside installation, can be easily selected.

Directions for Ordering

State—Whether for single or double doors. Width and height of opening Thickness of doors. Designate catalog number and quantity of hangers and other hardware wanted from tables below.

Example Order—1 set hardware for single door, opening 8 feet wide, 8 feet high, door 1¾ inches thick, including 1 pair No. 20½B Hangers, 7 No. 1X31 Brackets, 2 No. 2X31 Brackets, 1 No. 54 Stay Roller, 1 No. 272 Floor End Guide, 2 No. 301–72 Bumper Shoes, 1 No. 70–1 Pull, 1 No. 71–1 Handle, 1 No. 525 Lock.

Fig. A-601—Double sliding doors on one track, equipped with R-W Sliding door hardware.

Hardware List for Single or Double Sliding Doors Weighing Up to 500 Pounds

DESCRIPTION	R-W No. 31 Track						R-W No. 32 Track			
	For doors 1¾"–2" thick, weighing up to 300 lbs. each		For doors 1¾"–2" thick, weighing between 300–400 lbs. each		For doors 1¾"–2" thick, weighing between 300–400 lbs. each		For doors 1¾"–2" thick, weighing up to 500 lbs. each		For doors 2¼"–2¾" thick, weighing up to 500 lbs. each	
	Installation		Installation		Installation		Installation		Installation	
	Inside	Outside	Inside	Outside	Inside	Outside	Inside	Outside	Inside	Outside
Ball Bearing Hangers, (listed p. 44)	20½B	20½B	27½B–1	27½B–1	27½B–2	27½B–2	28½B–1	28½B–2	28½B–2	28½B–2
Roller Bearing Hangers, (listed p. 44)	20–2	20–2	25–1	25–1	25–2	25–2	28V–1	28V–1	28V–2	28V–2
Center Track Brackets, (listed p. 65)	1x31	1x31	1x31	1x31	1x31	1x31	1x32	1x32	1x32	1x32
End Track Brackets, (listed p. 65)	2x31	2x31	2x31	2x31	2x31	2x31	2x32	2x32	2x32	2x32
Parallel Ear Ceiling Bracket, (listed p. 65)	7x31	7x31	7x31	7x31	7x31	7x31	7x32	7x32	7x32	7x32
Parallel Ear Ceiling Right or Left End Bracket, (listed p. 65)	8x31	8x31	8x31	8x31	8x31	8x31	8x32	8x32	8x32	8x32
Center Stop Brackets, for double doors only, (listed p. 65)	12x31	12x31	12x31	12x31	12x31	12x31	12x32	12x32	12x32	12x32
*Stay Rollers, (listed p. 60)	54	54	54	54	54	54	54	54	54	54
*Adjustable Door Binder, (listed p. 60)	...	89	...	89	...	89	...	89	...	89
*Floor End Door Guide, (listed p. 61)	272	...	272	...	272	...	272	...	272	...
*Bumper Shoes, used with Nos. 172–271–272, to protect corner of doors, (listed p. 61)	435–72	435–72	435–72	435–72	435–72	435–72	435–72	435–72	435–72	435–72
Flush Pulls, (listed p. 60)	70–1	70–1	70–1	70–1	70–2	70–2	70–1	70–1	70–2	70–2
Bow Handles, (listed p. 60)	71–1	71–1	71–1	71–1	71–2	71–2	71–1	71–1	71–2	71–2
Locks, (listed p. 59)	525 or 510	525 or 510	525 or 510	525 or 510	525 or 510	525 or 510	525 or 510	525 or 510	525 or 510	525 or 510
Bolts, (listed p. 57, 58)	524–1, 516 or 616	...	524–1, 516 or 616	...	524–1, 516 or 616	...	524–1, 516 or 616	...	524–1, 516 or 616	...
Floor Guide and Weather Strip, (listed p. 62)	737	737	737	737	737	737	737	737	737	737

Hardware List for Single or Double Sliding Doors Weighing Between 500 and 1,000 Pounds

DESCRIPTION	R-W No. 232 Track				R-W No. 33 Track							
	For doors 1¾"–2" thick, weighing p to 600 lbs. each		For doors 2¼"–2¾" thick, weighing up to 600 lbs. each		For doors 1¾"–2" thick, weighing up to 800 lbs. each		For doors 2¼"–3" thick, weighing up to 800 lbs. each		For doors 1¾"–2" thick, weighing up to 1000 lbs. each		For doors 2¼"–3" thick, weighing up to 1000 lbs. each	
	Installation		Installation		Installation		Installation		Installation		Installation	
	Inside	Outside	Inside	Outside	Inside	Outside	Inside	Outside	Inside	Outside	Inside	Outside
Ball Bearing Hangers, (listed p. 44)	29½B–1	29½B–1	29½B–2	29½B–2	123½B–1	123½B–1	123½B–2	123½B–2	150½B–1	150½B–1	150½B–2	150½B–2
Roller Bearing Hangers, (listed p 44)	29V–1	29V–1	29V–2	29V–2	121–1	121–1	121–2	121–2	150–1	150–1	150–2	150–2
Center Track Brackets, (listed p.65)	1x232	1x232	1x232	1x232	1x33	1x33	1x33	1x33	1x33	1x33	1x33	1x33
End Track Brackets, (listed p. 65)	2x232	2x232	2x232	2x232	2x33	2x33	2x33	2x33	2x33	2x33	2x33	2x33
Parallel Ear Ceiling Center Bracket, (listed p. 65)	7x232	7x232	7x232	7x232	7x33	7x33	7x33	7x33	7x33	7x33	7x33	7x33
Parallel Ear Ceiling, Right or Left End Bracket, (listed p. 65)	8x232	8x232	8x232	8x232	8x33	8x33	8x33	8x33	8x33	8x33	8x33	8x33
Center Stop Brackets, for double doors only, (listed p 65)	12x232	12x232	12x232	12x232	12x33	12x33	12x33	12x33	12x33	12x33	12x33	12x33
*Stay Rollers, (listed p. 60)	154	154	154	154	154	154	154	154	154	154	154	154
*Adjustable Door Binder, (listed p. 60)	...	89	...	89	...	89	...	89	...	89	...	89
*Floor End Door Guide, (listed p 61)	272	...	272	...	272	...	272	...	272	...	272	...
*Bumper Shoes, used with No. 172–271–272, to protect corner of doors, (listed p. 61)	435–72	435–72	435–72	435–72	435–72	435–72	435–72	435–72	435–72	435–72	435–72	435–72
Flush Pulls, (listed p. 60)	70–1	70–1	70–2	70–2	70–1	70–1	70–2	70–2	70–1	70–1	70–2	70–2
Bow Handles, (listed p. 60)	81–1	81–1	81–2	81–2	81–1	81–1	81–2	81–2	81–1	81–1	81–2	81–2
Locks, (listed p. 59)	525 or 510	525 or 510	525 or 510	525 or 510	525 or 510	525 or 510	525 or 510	525 or 510	525 or 510	525 or 510	525 or 510	525 or 510
Bolts, (listed p. 57–58)	524–2, 516 or 616	...	524–2, 516 or 616	...	524–2, 516 or 616	...	524–2, 516 or 616	...	524–2, 516 or 616	...	524–2, 516 or 616	
Floor Guide and Weather Strip, (listed p. 62)	736	736	736	736	736	736	736	736	736	736	736	736

*Not required in installations where No. 736 Floor Guide and Weather Strip is used.

Discount....

Fig. A-602.—Two-car garage equipped with R-W parallel sliding door hardware, two tracks, without weatherstrip. (See plan, Fig. A-604.)

R-W Parallel Sliding Garage Door Hardware

Without Weatherstrip

For Parallel Doors Sliding on Two and Three Parallel Tracks without Weatherstrip. Made in Four Sizes of Track. For Doors Weighing Up to 1,000 Pounds

From the suggested hardware sets and list price given below, hardware equipments for inside or outside installation of parallel sliding doors, can be easily selected to suit various doorway conditions, as follows:

Two parallel doors sliding on two tracks, to wall space on one side of doorway. (See Fig. A-603.)
Two parallel doors sliding from jamb to jamb on two tracks. (See Fig. A-604.)
Three parallel doors sliding from jamb to jamb on two tracks. (See Fig. A-605.)
Three parallel doors sliding from jamb to jamb on three tracks. (See Fig. A-606.)
Two parallel doors on two tracks with front wall space in center of doorway. (See Fig. A-607.)
Four parallel doors on two tracks sliding to wall space on both sides of doorway. (See Fig. A-608.)
Two parallel doors sliding from jamb to jamb on two tracks, one inside and one outside. (See Fig. A-609.)

Hardware List for Parallel Doors Weighing Up to 500 Pounds Each, Sliding on Two and Three Tracks

DESCRIPTION	R-W No. 31 Track						R-W No. 32 Track			
	For doors 1¾"-2" thick, weighing up to 300 lbs. each		For doors 1¾"-2" thick, weighing up to 400 lbs. each		For doors 2¼"-2¾" thick, weighing up to 400 lbs. each		For doors 1¾"-2" thick, weighing up to 500 lbs. each		For doors 2¼"-2¾" thick, weighing up to 500 lbs. each	
	Installation		Installation		Installation		Installation		Installation	
	Inside	Outside	Inside	Outside	Inside	Outside	Inside	Outside	Inside	Outside
Ball Bearing Hangers, (listed p. 44)	20½-B	20½-B	27½B-1	27½B-1	27½B-2	27½B-2	28½B-1	28½B-1	28½B-2	28½B-2
Roller Bearing Hangers, (listed p. 44)	20-2	20-2	25-1	25-1	25-2	25-2	28-V-1	28-V-1	28-V-2	28-V-2
Center Track Brackets, (listed p. 65), (for 2-track installation)	22x31	22x31	22x31	22x31	22x31	22x31	22x32	22x32	22x32	22x32
End Track Brackets, (listed p. 65), (for 2-track installation)	23x31	23x31	23x31	23x31	23x31	23x31	23x32	23x32	23x32	23x32
Center Track Brackets, (listed p. 65), (for 3-track installation)	33x31	33x31	33x31	33x31	33x31	33x31	33x32	33x32	33x32	33x32
End Track Brackets, (listed p. 65), (for 3-track installation)	34x31	34x31	34x31	34x31	34x31	34x31	34x32	34x32	34x32	34x32
Parallel Ear Ceiling Center Brackets, (listed p. 65), (for 2 or 3-track installation)	7x31	7x31	7x31	7x31	7x31	7x31	7x32	7x32	7x32	7x32
Parallel Ear Ceiling Right or Left End Bracket, (listed p. 65), (for 2 or 3-track installations)	8x31	8x31	8x31	8x31	8x31	8x31	8x32	8x32	8x32	8x32
Center Stop Brackets, (listed p. 65), (for Plans Fig. A-603 and Fig. A-608 only)	13x31	13x31	13x31	13x31	13x31	13x31	13x32	13x32	13x32	13x32
*Stay Rollers, (Plan, Fig. A-609 only), (listed p. 60)	54	54	54	54	54	54	54	54	54	54
*Adjustable Door Binder, (Plan, Fig. A-609 only), (listed p. 60)	.....	89	.....	89	.....	89	.....	89	.....	89
*Floor End Door Guide, (listed p. 61)	272	.....	272	.....	272	.....	272	.....	272	.....
*Door Guide, (Plans Fig. A-603, A-607 and A-608), (listed p. 61)	372	372	372	372	372	372	372	372	372	372
*Bumper Shoes, (used with Nos. 172, 271 and 272 Guide to protect corners of doors, (listed p. 61)	435-72	435-72	435-72	435-72	435-72	435-72	435-72	435-72	435-72	435-72
Flush Pulls, (listed p. 60)	70-1	70-1	70-1	70-1	70-2	70-2	70-1	70-1	70-2	70-2
Bow Handles, (listed p. 60)	81-1	81-1	81-1	81-1	81-1	81-1	81-1	81-1	81-1	81-1
Locks, (listed p. 59)	525 or 510	525 or 510	525 or 510	525 or 510	525 or 510	525 or 510	525 or 510	525 or 510	525 or 510	525 or 510
Bolts, (listed pp. 57-58)	524-1 516 or 616	.....	524-1 516 or 616	.....	524-1 516 or 616	.....	524-1 516 or 616	.....	524-1 516 or 616	.....
*Center Floor Stop, (listed p. 61), used with Fig A-608 only)	171	171	171	171	171	171	171	171	171	171
*Center Floor Guide, (listed p. 61), (used with Center Stop Brackets), (Fig. A-608 only)	271	271	271	271	271	271	271	271	271	271
*Parallel Door Floor Guide, for 2-track installations, (listed p. 61)	172-1	172-1	172-1	172-1	172-1	172-1	172-1	172-1	172-1	172-1
*Parallel Door Floor Guide, for 3-track installations, (listed p. 61)	172-2	172-2	172-2	172-2	172-2	172-2	172-2	172-2	172-2	172-2
Floor Guide and Weatherstrip, (listed p. 62)	737	737	737	737	737	737	737	737	737	737

*Not required in installations where No. 737 Floor Guide and Weatherstrip is used.

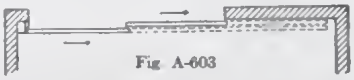


Fig. A-603

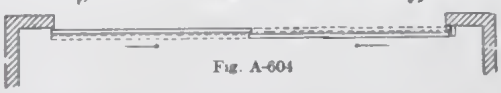


Fig. A-604

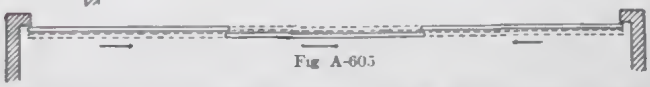


Fig. A-605

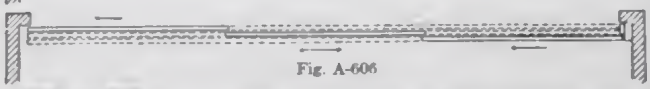


Fig. A-606

Discount.....

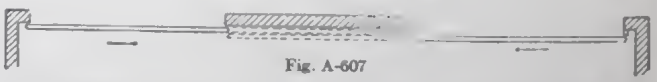


Fig. A-607

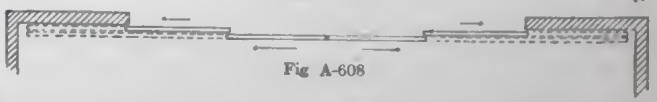


Fig A-608

Fig A-609

Floor plans showing possible door arrangements using R-W Parallel Sliding Door Hardware.

R-W Parallel Sliding Garage Door Hardware Without Weatherstrip

CONTINUED

Fig. A-610—Two-car garage equipped with R-W parallel sliding door hardware—one track installed inside the doorway and one outside. See plan, Fig. A-609, page 42.

Hardware List for Parallel Doors Weighing 500 to 1,000 Pounds Each, Sliding on Two and Three Tracks

DESCRIPTION	R-W No. 232 Track				R-W No. 33 Track							
	For doors 1¾"-2" thick, weighing up to 600 lbs. each		For doors 2¼"-2¾" thick, weighing up to 600 lbs. each		For doors 1¾"-2" thick, weigbing up to 800 lbs. each		For doors 2¼"-3" thick, weighing up to 800 lbs. each		For doors 1¾"-2" thick, weighing up to 1,000 lbs. each		For doors 2¼"-3" thick, weighing up to 1,000 lbs. each	
	Installation		Installation		Installation		Installation		Installation		Installation	
	Inside	Outside	Inside	Outside	Inside	Outside	Inside	Outside	Inside	Outside	Inside	Outside
Ball Bearing Hangers, (listed p. 44)	29½B-1	29½B-1	29½B-2	29½B-2	123½B-1	123½B-1	123½B-2	123½B-2	150½B-1	150½B-1	150½B-2	150½B-2
Roller Bearing Hangers, (listed p. 44)	29-V-1	29-V-1	29-V-2	29-V-2	121-1	121-1	121-2	121-2	150-1	150-1	150-2	150-2
Center Track Brackets, (listed p. 65), (for 2-track installation)	22x232	22x232	22x232	22x232	22x33	22x33	22x33	22x33	22x33	22x33	22x33	22x33
End Track Brackets, (listed p. 65), (for 2-track installation)	23x232	23x232	23x232	23x232	23x33	23x33	23x33	23x33	23x33	23x33	23x33	23x33
Center Track Brackets, (listed p. 65), (for 3-track installation)	33x232	33x232	33x232	33x232	33x33	33x33	33x33	33x33	33x33	33x33	33x33	33x33
End Track Brackets, (listed p. 65), (for 3-track installation)	34x232	34x232	34x232	34x232	34x33	34x33	34x33	34x33	34x33	34x33	34x33	34x33
Parallel Ear Ceiling Center Brackets, (listed p. 65), (for 2 or 3-track installations)	7x232	7x232	7x232	7x232	7x33	7x33	7x33	7x33	7x33	7x33	7x33	7x33
Parallel Ear Ceiling Rigbt or Left End Brackets, (listed p. 65), (for 2 or 3-track installations)	8x232	8x232	8x232	8x232	8x33	8x33	8x33	8x33	8x33	8x33	8x33	8x33
Center Stop Brackets, (listed p. 65), (for plans Fig. A-603 and Fig. A-608 only)	13x232	13x232	13x232	13x232	13x33	13x33	13x33	13x33	13x33	13x33	13x33	13x33
*Stay Rollers, (listed p. 60), (Plan Fig. A-609)	154	154	154	154	154	154	154	154	154	154	154	154
*Adjustable Door Binder, (listed p. 60), (Plan Fig. A-609 only)	...	89	...	89	...	89	...	89	...	89	...	89
*Floor End Door Guide, (listed p. 61)	272	...	272	...	272	...	272	...	272	...	272	...
*Door Guide, (listed p. 61), (Plans Fig. A-603, A-607 and A-608)	372	372	372	372	372	372	372	372	372	372	372	372
*Bumper Shoes, used witb Nos. 172, 271 and 272 guide to protect corner of doors, (listed p. 61)	435-72	435-72	435-72	435-72	435-72	435-72	435-72	435-72	435-72	435-72	435-72	435-72
Flush Pulls, (listed p. 60)	70-1	70-1	70-2	70-2	70-1	70-1	70-2	70-2	70-1	70-1	70-2	70-2
Bow Handles, (listed p. 60)	71-1	71-1	71-2	71-2	71-1	71-1	71-2	71-2	71-1	71-1	71-2	71-2
Locks, (listed p. 59)	525 or 510	525 or 510	525 or 510	525 or 510	525 or 510	525 or 510	525 or 510	525 or 510	525 or 510	525 or 510	525 or 510	525 or 510
Bolts, (listed p. 57-58)	524-2 516-616	...	524-2 516-616	...	524-2 516-616	...	524-2 516-616	...	524-2 516-616	...	524-2 516-616	...
*Center Floor Stop, (listed p. 61), used with Fig. A-608 only	171	171	171	171	171	171	171	171	171	171	171	171
*Center Floor Guide, used witb center stop brackets Fig. A-608 only, (listed p. 61)	271	271	271	271	271	271	271	271	271	271	271	271
*Parallel Door Floor Guide, (for 2-track installation), (listed p. 61)	172-1	172-1	172-1	172-1	172-1	172-1	172-1	172-1	172-1	172-1	172-1	172-1
*Parallel Door Floor Guide, (for 3-track installation), (listed p. 61)	172-2	172-2	172-2	172-2	172-2	172-2	172-2	172-2	172-2	172-2	172-2	172-2
Floor Guide and Weatherstrip, (listed p. 62)	736	736	736	736	736	736	736	736	736	736	736	736

*Not required in installations where No. 736 Floor Guide and Weatherstrips are used.

Locking Sets for Parallel Door Outfits Without Weatherstrip

Plan Fig. A-603—(p. 42) 1 No. 525 or 1 No. 510 Lock, for locking doors from both inside or outside; or 1 No. 616 Bolt, for locking doors from inside only.

Plan Fig. A-604—(p. 42) 1 No. 525 or 1 No. 510 Lock, for locking doors from both inside or outside; and 1 No. 516 Bolt or 1 No. 524 Bolt to lock doors from inside only.

Plan Fig. A-605—(p. 42) 2 No. 525 or 2 No. 510 Locks, for locking doors from both inside or outside; and 1 No. 516 or 1 No. 524 Bolt, for locking doors from inside only.

Plan Fig. A-606—(p. 42) (a) 1 No. 525 or 2 No. 510 Locks, for locking doors from both inside or outside; and 1 No. 156 Bolt, for locking doors from inside only.

(b) 1 No. 525 or 1 No. 510 Lock, for locking doors from both inside or outside and 1 No. 516 and 1 No. 524 Bolt for locking doors from inside only.

Plan Fig. A-607—(p. 42) (a) 2 No. 525 or 2 No. 510 Locks, for locking doors from both inside or outside.

(b) 1 No. 525 or 1 No. 510 Lock, for locking doors from both inside or outside, and 1 No. 516 or 1 No. 524 Bolt for locking doors from inside only.

Plan Fig. A-608—(p. 42) 1 No. 525 or No. 510 Lock, for locking doors from both inside or outside, and 2 No. 616 Bolts for locking doors from inside only.

Plan Fig. A-609—(p. 42) (a) 2 No. 525 or 2 No. 510 Locks, for locking doors from both inside or outside.

(b) 1 No. 525 or 1 No. 510 Lock, for locking doors from both inside or outside, and 1 No. 516 or No. 524 Bolt, for locking doors from inside only.

Discount.....

R-W Parallel Sliding Door Hardware Without Weatherstrip

CONTINUED

List Price and Specifications of *Ball-Bearing* Door Hangers for Sets Listed Pages 42 and 43

Hangers packed without track brackets			Track			For doors weighing lbs.	Thickness of doors	Distance, top of doors to bottom of track. "H" see Fig. A-611, A-612		Distance from bottom of track to first bolt hole "I" see Fig A-611	Distance from 1st bolt hole to 2nd bolt hole "J" see Fig. A-611	Diameter of bracket bolt		Distance bottom of track to header "M" see Fig. A-612	Minimum track centers. "N" see Fig. A-612
Number	Per pair		Number	Per foot								Side wall attachment "K" see Fig. A-611	Ceiling bracket "L" see Fig. A-612		
	List Price	Shipping Wt., lbs.		List Price	Shipping Wt., lbs.			Minimum	Maximum						
20½B	$2 25	6½	31	$0 19	1 6	300	1¾–2¼"	⅞"	2⅜"	4¾"	2¾"	½"	½"	3½"	2 5/16"
27½B–1	3 25	9	31	19	1 6	400	1¾–2"	⅞"	2⅜"	4¾"	2¾"	½"	½"	3½"	2 5/16"
27½B–2	3 25	9	31	19	1 6	400	2¼–2¾"	⅞"	2⅜"	4¾"	2¾"	½"	½"	3½"	2 5/16"
28½B–1	4 00	11	32	28	2	500	1¾–2"	⅞"	2"	4 15/16"	3¼"	½"	½"	3 13/16"	2½"
28½B–2	4 00	11	32	28	2	500	2¼–2¾"	⅞"	2"	4 15/16"	3¼"	½"	½"	3 13/16"	2½"
29½B–1	4 60	14	232	34	2 8	600	1¾–2"	⅞"	1¾"	5 7/16"	3½"	¾"	⅜"	4¾"	2⅞"
29½B–2	4 60	14	232	34	2 8	600	2¼–2¾"	⅞"	1¾"	5 7/16"	3½"	¾"	⅜"	4⅜"	2⅞"
123½B–1	6 20	25	33	44	3 1	800	1¾–2"	1⅛"	3"	5 15/16"	3½"	¾"	¾"	4 11/16"	3 7/16"
123½B–2	6 20	25	33	44	3 1	800	2¼–3"	1⅛"	3"	5 15/16"	3½"	¾"	¾"	4 11/16"	3 7/16"
150½B–1	6 40	25	33	44	3 1	1000	1¾–2"	1⅛"	3"	5 15/16"	3½"	¾"	¾"	4 11/16"	3 7/16"
150½B–2	6 40	25	33	44	3 1	1000	2¼–3"	1⅛"	3"	5 15/16"	3½"	¾"	¾"	4 11/16"	3 7/16"

List Price and Specifications of *Roller-Bearing* Door Hangers for Sets Listed on Pages 42 and 43

Hangers packed without track brackets			Track			For doors weighing lbs.	Thickness of doors	Distance, top of doors to bottom of track. "H" see Fig A-611, A-612		Distance from bottom of track to first bolt hole "I" see Fig. A-611	Distance from 1st bolt hole to 2nd bolt hole "J" see Fig. A-611	Diameter of bracket bolt		Distance bottom of track to header "M" see Fig. A-612	Minimum track centers. "N" see Fig A-612
Number	Per pair		Number	Per foot								Side wall bracket "K" see Fig. A-611	Ceiling bracket "L" see Fig. A-612		
	List Price	Shipping Wt., lbs.		List Price	Shipping Wt., lbs.			Minimum	Maximum						
20–2	$2 05	8	31	$0.19	1 6	300	1¾–2½"	1¼"	2½"	4¾"	2¾"	½"	½"	3½"	2 13/16"
25–1	2.25	11½	31	.19	1 6	400	1¾–2"	1¼"	2½"	4¾"	2¾"	½"	½"	3½"	2 13/16"
25–2	2.25	11½	31	.19	1 6	400	2¼–2¾"	1¼"	2½"	4¾"	2¾"	½"	½"	3½"	2 13/16"
28V–1	3 20	12½	32	.28	2	500	1¾–2"	1⅜"	2⅝"	4 15/16"	3¼"	½"	½"	3 13/16"	2½"
28V–2	3 20	12½	32	.28	2	500	2¼–2¾"	1⅜"	2⅝"	4 15/16"	3¼"	½"	½"	3 13/16"	2½"
29V–1	3 60	16	232	.34	2 8	600	1¾–2"	1¾"	3¾"	5 7/16"	3½"	¾"	⅜"	4¾"	2⅞"
29V–2	3 60	16	232	.34	2 8	600	2¼–2¾"	1¾"	3¾"	5 7/16"	3½"	¾"	⅜"	4⅜"	2⅞"
121–1	5 00	25	33	44	3 1	800	1¾–2"	2⅛"	3¾"	5 15/16"	3½"	¾"	¾"	4 11/16"	3 7/16"
121–2	5 00	25	33	44	3 1	800	2¼–3"	2⅛"	3¾"	5 15/16"	3½"	¾"	¾"	4 11/16"	3 7/16"
150–1	5 20	25	33	44	3 1	1000	1¾–2"	2⅛"	3¾"	5 15/16"	3½"	¾"	¾"	4 11/16"	3 7/16"
150–2	5 20	25	33	44	3 1	1000	2¼–3"	2⅛"	3¾"	5 15/16"	3½"	¾"	¾"	4 11/16"	3 7/16"

Directions for Ordering

State total width of opening Number of doors, width and height of each door; thickness of doors, whether for inside or outside installation, whether doors are to run on two or three tracks. (Refer to plan as given on page 42.) Are they for side wall or overhead attachment. Kind of locking bolts desired. State items of hardware wanted. (For Fig A-607 arrangement—distance between openings.)

Example Order

Parallel door hardware for doorway opening 16 feet wide, 2 doors each 8 feet 2 inches wide, 8 feet high, 1¾ inches thick for inside installation. Two tracks, plan Fig A-604, for side wall attachment without weatherstrip; with 1 No. 516 Door Bolt and 1 No. 525 Lock. One No. 172-1 Parallel Door Floor Guide, 2 No. 272 End Door Guides, 4 No. 435-72 Bumper Shoes, 1 No. 70-1 Flush Pull, 1 No. 81-1 Bow Handle, 2 pairs No. 27½B–1 Ball Bearing Hangers; 32 feet No. 31 track, (4 pieces 8 feet); 2 No. 23X31 Brackets; 7 No. 22 Brackets.

Note—If wicket entrance door is wanted, see page 20 for details and prices of hardware.

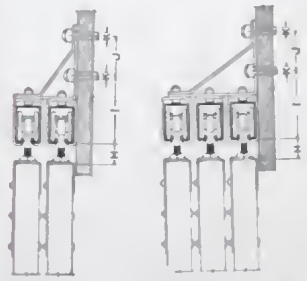


Fig A-611—Cross-section showing side wall bracket attachment without weatherstrip, of two parallel sliding doors, and of three parallel sliding doors.

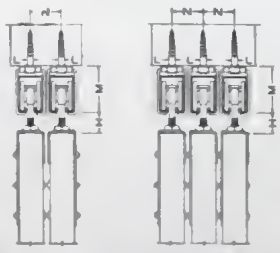


Fig A-612—Cross-section showing overhead bracket attachment without weatherstrip, of two parallel sliding doors, and of three parallel sliding doors.

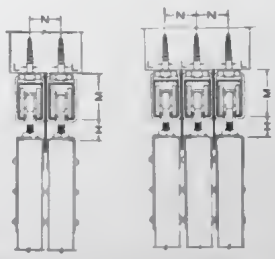


Fig A-613—Cross-section showing overhead bracket attachment with weatherstrip, of two parallel sliding doors and of three parallel sliding doors.

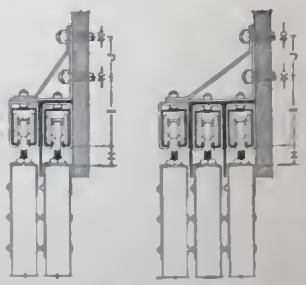


Fig A-614—Cross-section showing side wall bracket attachment with weatherstrip, of two parallel sliding doors, and of three parallel sliding doors.

Figs. A-611, A-612 show tracks **without** weatherstrips.

Figs. A-613, A-614 show tracks **with** weatherstrips.

Discount

R-W Parallel Sliding Garage Door Hardware

With Weather Strip

For Parallel Doors Sliding on Two and Three Pa allel Tracks Made in Four Sizes of Track. For Doors Weighing Up to 1,000 Pounds

From the suggested hardware sets and priee list given on this page, hardware equipments for inside or outside installation of parallel sliding doors can be easily selected to suit various doorway conditions, as follows:

Two parallel doors sliding from jamb to jamb on two tracks. (See Fig. A-604.)

Three parallel doors sliding from jamb to jamb on two tracks. (See Fig. A-605.)

Three parallel doors sliding from jamb to jamb on three tracks (See Fig. A-606.)

Fig. A-615—Two car garage having double sliding doors equipped with R-W door hardware, with weather strip. See plan Fig. A-604, page 42

Hardware List for Parallel Doors Weighing up to 500 Pounds Each, Sliding on Two or Three Tracks

DESCRIPTION	No. 256 or No. 356 Parallel Track, No. 31 size, with Weather Strip See List Price on Page 46						No. 257 or No. 357 Parallel Track, No. 32 size, with Weather Strip See List Price on Page 46			
	For doors 1¾"–2" thick, weighing up to 300 lbs. each		For doors 1¾"–2" thick, weighing up to 400 lbs. each		For doors 2¼"–2¾" thick, weighing up to 400 lbs. each		For doors 1¾"–2" thick, weighing up to 500 lbs. each		For doors 2¼"–2¾" thick, weighing up to 500 lbs. each	
	Installation		Installation		Installation		Installation		Installation	
	Inside	Outside	Inside	Outside	Inside	Outside	Inside	Outside	Inside	Outside
Ball Bearing Hangers, (p. 44)	20½B	20½B	27½B–1	27½B–1	27½B–2	27½B–2	28½B–1	28½B–1	28½B–2	28½B–2
Roller Bearing Hangers, (p. 44)	20–2	20–2	25–1	25–1	25–2	25–2	28V–1	28V–1	28V–2	28V–2
*Floor End Door Guide, (listed p. 61)	272	.....	272	.	272	. .	272		272	.
Bumper Shoes, used with Nos. 172–272, to protect corner of doors, (listed p. 61)	435–72	435–72	435–72	435–72	435–72	435–72	435–72	435–72	435–72	435–72
Flush Pulls, (listed p. 60)	70–1	70–1	70–1	70–1	70–2	70–2	70–1	70–1	70–2	70–2
Bow Handles, (listed p. 60)	81–1	81–1	81–1	81–1	81–2	81–2	81–1	81–1	81–2	81–2
Locks, (listed p. 59)	525 or 510	525 or 510	525 or 510	525 or 510	525 or 510	525 or 510	525 or 510	525 or 510	525 or 510	525 or 510
Bolts, (listed p. 57–58)	524–1, 516 or 616	.....	524–1, 516 or 616	. .....	524–1, 516 or 616	. . .	524–1, 516 or 616		524–1, 516 or 616	. .
*Parallel Door Floor Guide, for 2-track installations, (listed p. 61)	172–1	172–1	172–1	172–1	172–1	172–1	172–1	172–1	172–1	172–1
*Parallel Door Floor Guide, for 3-track installations, (listed p. 61)	172–2	172–2	172–2	172–2	172–2	172–2	172–2	172–2	172–2	172–2
Floor Guide and Weather Strip, (listed p. 62)	737	737	737	737	737	737	737	737	737	737

*Not required in installations where No. 737 Floor Guide and Weather Strip is used.

Hardware List for Parallel Doors Weighing 500 to 1,000 Pounds Each, Sliding on Two or Three Tracks

DESCRIPTION	No. 259 or No. 359 Parallel Track No. 232 size, with Weather Strip See List Price on Page 46				No. 258 or No. 358 Parallel Track, No. 33 size, with Weather Strip See List Price on Page 46							
	For doors 1¾"–2" thick, weighing up to 600 lbs. each		For doors 2¼"–2¾" thick, weighing up to 600 lbs. each		For doors 1¾"–2" thick, weighing up to 800 lbs. each		For doors 2¼"–3" thick, weighing up to 800 lbs. each		For doors 1¾"–2" thick, weighing up to 1000 lbs. each		For doors 2¼"–3" thick, weighing up to 1000 lbs. each	
	Installation		Installation		Installation		Installation		Installation		Installation	
	Inside	Outside	Inside	Outside	Inside	Outside	Inside	Outside	Inside	Outside	Inside	Outside
Ball Bearing Hangers, (p. 41)	29½B–1	29½B–1	29½B–2	29½B–2	123½B–1	123½B–1	123½B–2	123½B–2	150½B–1	150½B–1	150½B–2	150½B–2
Roller Bearing Hangers, (p. 44)	29V–1	29V–1	29V–2	29V–2	121–1	121–1	121–2	121–2	150–1	150–1	150–2	150–2
*Floor End Door Guide, (p. 61)	272	.....	272	. ...	272	....	272	. .	272		272	
*Bumper Shoes, used with Nos. 172–272, to protect corner of doors, (listed p. 61)	435–72	435–72	435–72	435–72	435–72	435–72	435–72	435–72	435–72	435–72	435–72	435–72
Flush Pulls, (listed p. 60)	70–1	70–1	70–2	70–2	70–1	70–1	70–2	70–2	70–1	70–1	70–2	70–2
Bow Handles, (listed p. 60)	81–1	81–1	81–2	81–2	81–1	81–1	81–2	81–2	81–1	81–1	81–2	81–2
Locks, (listed p. 59)	525 or 510	525 or 510	525 or 510	525 or 510	525 or 510	525 or 510	525 or 510	525 or 510	525 or 510	525 or 510	525 or 510	525 or 510
Bolts, (listed p. 57–58)	524–2, 516 or 616	.....	524–2, 516 or 616	. . . . .	524–2, 516 or 616	.....	524–2, 516 or 616		524–2, 516 or 616		521–2, 516 or 616	
*Parallel Door Floor Guide, for 2-track installation, (listed p. 61)	172–1	172–1	172–1	172–1	172–1	172–1	172–1	172–1	172–1	172–1	172–1	172–1
*Parallel Door Floor guide, for 3-track installation, (listed p. 61)	172–2	172–2	172–2	172–2	172–2	172–2	172–2	172–2	172–2	172–2	172–2	172–2
Floor Guide and Weather Strip, (listed p. 62)	736	736	736	736	736	736	736	736	736	736	736	736

*Not required in installations where No. 736 Floor Guide and Weather Strip is used.

Locking Sets for Parallel Door Outfits with Weather Strip

Plan A-601—(p. 42) 1 No. 525 or 1 No. 510 Lock, for locking doors from both inside and outside, or 1 No. 616 Bolt, for locking doors from inside only

Plan A-605—(p. 42) 1 No. 525 or 1 No. 510 Lock, for locking doors from both inside and outside, and 2 No. 516 or No. 616 Bolts for locking doors from inside only.

Plan A-606—(p. 42) (a) 2 No. 525 or 2 No. 510 Locks, to lock doors from inside and outside, and 1 No. 516 or 1 No. 616 bolt to lock doors from inside only

(b) 1 No. 525 and 1 No. 510 Lock, to lock doors from inside and outside, and 1 No. 516 and 1 No. 524 Bolt to lock doors from inside only.

(c) 1 No. 525 or 1 No. 510 Lock, to lock doors from inside and outside and 2 No. 516 Bolts, to lock doors from inside only

(d) 1 No. 525 or 1 No. 510 Lock, to lock doors from inside and outside, and 1 No. 524 Bolt and 1 No. 616 Bolt, to lock doors from inside only.

Continued on Next Page

Discount

R-W Parallel Sliding Garage Door Hardware with Weatherstrip

CONTINUED

List Price and Specifications of Ball-Bearing Door Hangers for Sets Listed Page 45

Hangers packed without track brackets			Track			For doors weighing lbs.	Thickness of doors	Distance, top of doors to bottom of track "H" see Fig A-613, A-614		Distance from bottom of track to 1st bolt hole "I" see Fig A-614	Distance from 1st bolt hole to 2nd bolt hole "J" see Fig A-614	Diameter of bracket bolt		Distance bottom of track to header "M" see Fig A-613	Minimum track centers "N" see Fig A-613
Number	Per pair		Per foot												
	Price	Shipping Weight, lbs.	Number	Price	Shipping Weight, lbs.			Minimum	Maximum			Side wall bracket "K" see Fig A-614	Ceiling bracket "L" see Fig. A-613		
20½B	$2 25	6½	31	$0 19	1 6	300	1¾–2¼"	⅞"	2¾"	4¾"	2¾"	½"	½"	3½"	2 7/16"
27½B–1	3 25	9	31	19	1 6	400	1¾–2"	⅞"	2¾"	4¾"	2¾"	½"	½"	3½"	2 7/16"
27½B–2	3 25	9	31	19	1 6	400	2¼–2¾"	⅞"	2⅜"	4¾"	2¾"	½"	½"	3½"	2 7/16"
28½B–1	4 00	11	32	28	2 4	500	1¾–2"	⅞"	2"	4 15/16"	3¼"	½"	½"	3 13/16"	2⅝"
28½B–2	4 00	11	32	28	2 4	500	2¼–2¾"	⅞"	2"	4 15/16"	3¼"	½"	½"	3 13/16"	2⅝"
29½B–1	4 60	14	232	34	2 8	600	1¾–2"	⅞"	1¾"	5 7/16"	3½"	¾"	⅝"	4⅜"	3"
29½B–2	4 60	14	232	.34	2 8	600	2¼–2¾"	⅞"	1¾"	5 7/16"	3½"	¾"	⅝"	4⅜"	3"
123½B–1	6 20	25	33	44	3 1	800	1¾–2"	1⅛"	3"	5 15/16"	3½"	¾"	¾"	4 11/16"	3 9/16"
123½B–2	6 20	25	33	44	3 1	800	2¼–3"	1⅛"	3"	5 15/16"	3½"	¾"	¾"	4 11/16"	3 9/16"
150½B–1	6 40	25	33	44	3 1	1000	1¾–2"	1⅛"	3"	5 15/16"	3½"	¾"	¾"	4 11/16"	3 9/16"
150½B–2	6 40	25	33	44	3 1	1000	2¼–3"	1⅛"	3"	5 15/16"	3½"	¾"	¾"	4 11/16"	3 9/16"

List Price and Specifications of Roller-Bearing Door Hangers for Sets Listed Page 45

Hangers, packed without track brackets			Track			For doors weighing lbs.	Thickness of doors	Distance, top of doors to bottom of track "H" see Fig A-613, A-614		Distance from bottom of track to 1st bolt hole "I" see Fig A-614	Distance from 1st bolt hole to 2nd bolt hole "J" see Fig A-614	Diameter of Bracket Bolt		Distance bottom of track to header "M" see Fig A-613	Minimum track centers "N" see Fig A-613
Number	Per pair		Per foot												
	Price	Shipping Weight, lbs.	Number	Price	Shipping Weight, lbs			Minimum	Maximum			Side wall bracket "K" see Fig. A-614	Ceiling bracket "L" see Fig. A-613		
20–2	$2 05	9	31	$0 19	1 6	300	1¾–2¼"	⅞"	2⅜"	4¾"	2¾"	½"	½"	3½"	2 7/16"
25–1	2 25	10½	31	19	1 6	400	1¾–2"	⅞"	2⅜"	4¾"	2¾"	½"	½"	3½"	2 7/16"
25–2	2 25	10½	31	19	1 6	400	2¼–2¾"	⅞"	2⅜"	4¾"	2¾"	½"	½"	3½"	2 7/16"
28V–1	3 20	10	32	28	2	500	1¾–2"	⅞"	2"	4 15/16"	3¼"	½"	½"	3 13/16"	2⅝"
28V–2	3 20	10	32	28	2	500	2¼–2¾"	⅞"	2"	4 15/16"	3¼"	½"	½"	3 13/16"	2⅝"
29V–1	3 60	14	232	34	2 8	600	1¾–2"	⅞"	1¾"	5 7/16"	3½"	¾"	⅝"	4⅜"	3"
29V–2	3 60	14	232	.34	2 8	600	2¼–2¾"	⅞"	1¾"	5 7/16"	3½"	¾"	⅝"	4⅜"	3"
121–1	5 00	18½	33	.44	3 3	800	1¾–2"	1⅛"	3"	5 15/16"	3½"	¾"	¾"	4 11/16"	3 9/16"
121–2	5 00	18½	33	44	3 3	800	2¼–3"	1⅛"	3"	5 15/16"	3½"	¾"	¾"	4 11/16"	3 9/16"
150–1	5 20	21½	33	.44	3 3	1000	1¾–2"	1⅛"	3"	5 15/16"	3½"	¾"	¾"	4 11/16"	3 9/16"
150–2	5 20	21½	33	44	3 3	1000	2¼–3"	1⅛"	3"	5 15/16"	3½"	¾"	¾"	4 11/16"	3 9/16"

List Price

Track, Bracket and Weather Strip Assemblies for Side Wall Attachment

DESCRIPTION	Two Track Assembly		Three Track Assembly	
	Price	Shpg. Wt.	Price	Shpg. Wt.
No. 256 Track, No. 31 size, per ft	$0 90	8¼ lbs.	$1 40	14½ lbs.
No. 257 Track, No. 32 size, per ft	1 15	9½ lbs	2 00	15½ lbs.
No. 258 Track, No. 33 size, per ft	1 70	14¾ lbs	2 95	23½ lbs.
No. 259 Track, No. 232 size, per ft	1 40	12¾ lbs	2 50	20¾ lbs.

For Overhead Attachment

DESCRIPTION	Two Track Assembly		Three Track Assembly	
	Price	Shpg. Wt.	Price	Shpg. Wt
No. 356 Track, No. 31 size, per ft	$0 90	7 lbs.	$1 40	12 lbs.
No. 357 Track, No. 32 size, per ft	1 15	8 lbs.	2 00	13 lbs.
No. 358 Track, No. 33 size, per ft	1 70	16 lbs.	2 95	27 lbs.
No. 359 Track, No. 232 size, per ft	1 40	11 lbs.	2 50	19 lbs.

Note—Track is assembled complete with brackets and weatherstrip If wicket entrance door is wanted, see page 20 for details and prices of hardware

Directions for Ordering

State total width of opening, number of doors Width and height of each door, thickness of doors, whether for inside or outside installation, if doors are to run on two or three tracks. (Refer to plans, Figs A-603 to A-609) Are they for side wall or overhead attachment. Kind of locking bolts desired. State items of hardware wanted.

Example Order

One opening, 16 feet wide, 2 doors each 8 feet 2 inches wide, 8 feet high, 1¾ inches thick ,for inside installation. Two tracks, plan Fig A-604, for side wall attachment with weatherstrip, No 256, 1 No 616 Door Bolt and 1 No 525 Lock. 1 No 172–1 Parallel Door Floor Guide, 2 No 272 End Door Guides, 4 No 435–72 Bumper Shoes, 1 No 70–1 Flush Pull, 1 No. 81–1 Bow Handle, 2 pair No 27½B–1 Ball Bearing Hangers, 16 feet No 256 Track

Discount

Parallel-Ideal Garage Door Hardware

Fig A-617—"Parallel-Ideal" hanger, track and bracket assembly

Fig A-616—Cross-section of "Parallel-Ideal" ball-bearing track, showing relative position of track, bearings and rider bar.

Parallel-Ideal Garage Door Hardware CONTINUED

Patented

Fig. A-618—Two car garage, doorway having two sliding doors equipped with "Parallel-Ideal" Hardware—see plan A-604 page 42.

R-W No. 457
Without Weatherstrip

R-W No. 456
With Weatherstrip

"Parallel-Ideal" Garage Door Hardware is a particularly high class equipment in which the "Ideal" Ball-Bearing track and hanger assembly supports parallel doors, as shown on this page, the other door hardware being the same as used in the regular R-W Parallel Door sets shown on pages 42–46.

The "Ideal" track and hanger assembly embodies, because of its scientific construction, a maximum of perfect principles. The door hangs from a wide rider-bar rolling over steel balls, which in turn roll over a carefully milled track groove. Friction is eliminated and at the same time the door travels at twice the speed of the bearings. A ball retainer keeps the steel balls always properly spaced.

This "Ideal" ball-bearing design provides a hanger which operates with exceptional smoothness and ease, and the combination of "Ideal" track with the parallel door arrangement produces in "Parallel-Ideal" hardware, an equipment that is perfection itself.

Figure A-618, which illustrates "Parallel-Ideal" Equipment applied in accordance with plan A-604 (page 42), and figure A-616 which shows a cross-section of "Ideal" track, give a clear idea of the construction and operation of this ball-bearing device. The track is a rectangular shaped tube made of very heavy gauged steel drawn to form two parallel runways for steel balls upon which the hanger rolls.

If wicket entrance door is wanted, see page 20 for details and prices of hardware.

From the suggested hardware sets and list prices given below, "Parallel-Ideal" equipments for inside or outside installation of parallel sliding doors can be easily selected to suit various doorway conditions as follows:

2 Parallel doors sliding on two tracks to wall space on one side of doorway. (See Fig. A-603, page 42.)

2 Parallel doors sliding from jamb to jamb on two tracks. (See Fig. A-604, page 42). This type of equipment furnished with weatherstrip if required, as set forth in table below.

2 Parallel doors on two tracks with front wall space in center of doorway. (See Fig. A-607, page 42.)

4 Parallel doors on two tracks sliding to wall space on both sides of the doorway. (See Fig. A-608, page 42.)

2 Parallel doors sliding from jamb to jamb on two tracks, one inside and one outside. (See Fig. A-609, page 42.)

DESCRIPTION	No. 457 Equipment, Without Weatherstrip. For doors up to 500 lbs. each		No. 456 Equipment, With Weatherstrip. For doors up to 500 lbs. each	
	Installation		Installation	
	Inside	Outside	Inside	Outside
Stay Rollers, (plan Fig. A-609 only, listed page 60)	54	54	54	54
Adjustable Door Binder, (plan Fig. A-609 only, listed page 60)	.....	89	.....	89
*Floor End Door Guide, (listed page 61)	272	.....	272	.....
*Door Guide, (plan Figs. A-603, A-608, A-609, listed page 61)	372	.....	372	.....
*Bumper Shoes, used with Nos. 172–271–272, to protect corner of doors, (listed page 61)	435–72	435–72	435–72	435–72
Flush Pulls, (listed page 60), for doors 1¾–2" thick	70–1	70–1	70–1	70–1
Flush Pulls, (listed page 60), for doors 2¼–2¾" thick	70–2	70–2	70–2	70–2
Bow Handles, (listed page 60), for doors 1¾–2" thick	81–1	81–1	81–1	81–1
Bow Handles, (listed page 60), for doors 2¼–2¾" thick	71–2	71–2	71–2	71–2
Locks, (listed page 59)	525 or 510	525 or 510	525 or 510	525 or 510
Bolts, (listed page 57–58)	524–1 or 516	524–1 or 516	524–1 or 516	524–1 or 516
Center Floor Stop, (plan Fig. A-608 only, listed page 61)	171	171	171	171
*Parallel Door Floor Guide, for 2-track installation, (listed page 61)	172–1	172–1	172–1	172–1
Floor Guide and Weatherstrip, (listed page 62) (To be used in lieu of door guides, above marked with star)	736 or 737	736 or 737	736 or 737	736 or 737

*Not required in installations where No. 736 or No. 737 Floor Guide and Weatherstrip is used.

"Parallel-Ideal" Hanger, Track and Bracket Assembly

Plan	Size of Opening	Using Equipment Number	List Price	Add for each additional foot or fraction of opening	Maximum width of opening	Shipping Wt., lbs.	Add pounds for each additional foot of opening
Fig. A-603	(p. 42) up to 8′	457	$39 70	$8 75	13′	108	13½
Fig. A-604	(p. 42) up to 16′	457	61 00	5 15	20′	144	9
Fig. A-604	(p. 42) up to 16′	456	70 00	5.70	20′	176	11
Fig. A-607	(p. 42) up to 8′	457	76.70	11.10	10′ ea.	216	9
Fig. A-608	(p. 42) up to 8′	457	59 00	5.50	20′	108	13½
Fig. A-609	*(p. 42) up to 8′	. .	55 00	9.00	10′	144	18

*With one set R-W No. 727 equipment for each opening.

Directions for Ordering—State total width of opening. Number of doors, width and height of each door; thickness of doors, whether for inside or outside installation. Are they for side wall or overhead attachment. Kind of locking bolts desired. State items of hardware wanted.

Discount.....

Example Order—1 opening 16 feet wide, 2 doors each 8 feet 2 inches wide, 8 feet high, 1¾ inches thick for inside installations, plan Fig. A-604, for side wall attachment, with Weatherstrip No. 456; 1 No. 616 Door Bolt and 1 No. 525 Lock. 1 No. 172–1 Parallel Door Floor Guide, 2 No. 272 End Door Guides, 4 No. 435–72 Bumper Shoes, 1 No. 70–1 Pull, 1 No. 71–1 Bow Handle, 16 feet 456 track.

R-W Flush Door Hardware

For Two or Four Flush Parallel Doors with Compound Curved Tracks. Made in Four Sizes of Track

Fig. A-619—Single car garage, doorway having two doors equipped with R-W flush door hardware.

Two exceptional advantages in "DooR-Way" installation are peculiar to R-W Flush Door Hardware; smooth door surface and economy of wall space.

The doors in closed position stand in one plane, edge to edge, presenting a smooth door surface clear across the doorway. In open position, two doors stand side by side along the wall back of the door jamb, needing only sufficient wall space to accommodate the width of one of the doors.

These important features of smooth door surface in closed position and economy of wall space in open position, are obtained by running one of the doors on a trolley track having a compound curve which sidetracks this door, as it opens, to a position beside its companion door (Figure A-620). Two doors may be installed to operate toward either side of the doorway.

Similar installations operating from both sides of the doorway may be arranged in accordance with plans, Figs. A-621 and A-622.

From the suggested hardware sets and price lists given below, hardware equipments for flush door installations may be easily selected as follows:

2 flush doors sliding to one side of the doorway (Fig. A-620).
2 pairs of flush doors sliding toward both sides of the doorway (Fig. A-621).
2 doors sliding back of center wall between two doorways (Fig. A-622).

Hardware List for Doors Weighing Up to 1,000 Pounds Each

DESCRIPTION	No. 31 track Doors weighing up to 400 lbs. each		No. 32 track Doors weighing up to 500 lbs. each		No. 232 track Doors weighing up to 600 lbs. each		No. 33 track			
							Doors weighing up to 800 lbs. each		Doors weighing up to 1000 lbs. each	
	Doors 1¾–2" thick	Doors 2¼–2¾" thick	Doors 1¾–2" thick	Doors 2¼–2¾" thick	Doors 1¾–2" thick	Doors 2¼–2¾" thick	Doors 1¾–2" thick	Doors 2¼–2¾" thick	Doors 1¾–2" thick	Doors 2¼–2¾" thick
K. J. Ball Bearing Hanger, (listed p. 49). For use on compound curved track	27½B–1 K. J.	27½B–2 K. J.	28½B–1 K. J.	28½B–2 K. J.	29½B–1 K. J.	29½B–2 K. J.	123½B–1 K. J.	123½B–2 K. J.	150½B–1 K. J.	150½B–2 K. J.
Ball Bearing Hanger, (listed p. 44). For use on straight track	27½B–1	27½B–2	28½B–1	28½B–2	29½B–1	29½B–2	123½B–1	123½B–2	150½B–1	150½B–2
Ceoter Track Brackets, (listed p. 65). For single track side wall attachment	1x31	1x31	1x32	1x32	1x232	1x232	1x33	1x33	1x33	1x33
End Track Brackets, (listed p. 65). For single track side wall attachment	2x31	2x31	2x32	2x32	2x232	2x232	2x33	2x33	2x33	2x33
Parallel Ear Ceiling Center Stop Bracket, (listed p. 65)	10x31	10x31	10x32	10x32	10x232	10x232	10x33	10x33	10x33	10x33
Side Center Stop Bracket, (listed p. 65)	12x31	12x31	12x32	12x32	12x232	12x232	12x33	12x33	12x33	12x33
Parallel Ear Ceiling Center Bracket, (listed p. 65). For single and double track attachment	7x31	7x31	7x32	7x32	7x232	7x232	7x33	7x33	7x33	7x33
Parallel Ear Ceiling Right or Left End Bracket, (listed p. 65). For single and double track attachmoot	8x31	8x31	8x32	8x32	8x232	8x232	8x33	8x33	8x33	8x33
Side Double Center Track Brackets, (listed p. 65)	22x31	22x31	22x32	22x32	22x232	22x232	22x33	22x33	22x33	22x33
Side Double End Brackets, (listed p. 65)	23x31	23x31	23x32	23x32	23x232	23x232	23x33	23x33	23x33	23x33
Floor Eod Door Guide, (listed p. 61)	272	272	272	272	272	272	272	272	272	272
Floor Guide, (listed p. 61)	372	372	372	372	372	372	372	372	372	372
Flush Pull, (listed p. 60) (to be used when 525 is omitted)	70–1	70–2	70–1	70–2	70–1	70–2	70–1	70–2	70–1	70–2
Bow Handles, (listed p. 60)	81–1	81–2	81–1	81–2	81–1	81–2	81–1	81–2	81–1	81–2
Drop Handles, (listed p. 60) (to be used when 525 is omitted)	170	170	170	170	170	170	170	170	170	170
*No. 1 Compound Curve (Right or Left Hand Curve shown in Plan Fig. A-620 is Right Hand)	No. 1 CC x31	No. 1 CC x31	No. 1 CC x32	No. 1 CC x32	No. 1 CC x232	No 1 CC x232	No. 1 CC x33	No. 1 CC x33	No. 1 CC x33	No. 1 CC x33
Locks, (listed p. 59)	525 or 510	525 or 510	525 or 510	525 or 510	525 or 510	525 or 510	525 or 510	525 or 510	525 or 510	525 or 510
Bolts, (listed p. 57–58)	524–1 or 616	524–1 or 616	524–1 or 616	524–1 or 616	524–2 or 616	524–2 or 616	524–2 or 616	524–2 or 616	524–2 or 616	524–2 or 616

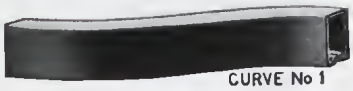
*Compound Curve is 15¼ inches long but it is preferable to send us floor plan so we cao join compound curved track to straight track, eliminating the joint at the end of the curve.

Discount

R-W Flush Door Hardware

CONTINUED

Fig A-620



No. 1—Compound Curve

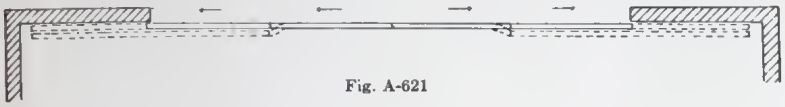
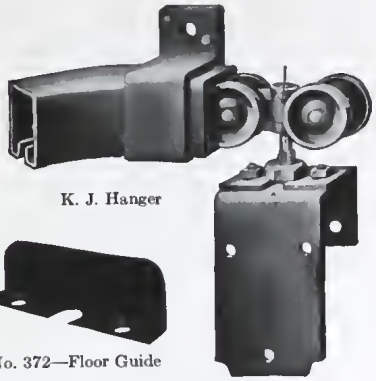


Fig. A-621



K. J. Hanger

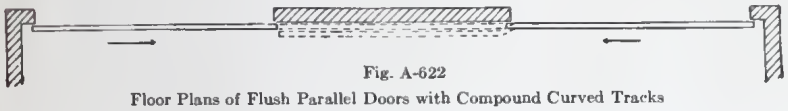


Fig. A-622

Floor Plans of Flush Parallel Doors with Compound Curved Tracks

No. 372—Floor Guide

List Price and Specifications of Ball-Bearing Hangers for Sets Listed on Opposite Page

Knuckle Jointed Hangers for use on compound curved track. Packed without brackets		Regular Ball Bearing Hangers for use on straight track Packed without brackets			For track Number	Track, per foot		For doors weighing	Thickness of doors	Distance from bottom of track to center of bolt hole in single side wall bracket	Distance from bottom of track to first bolt hole in double bracket	Distance from first bolt hole to second bolt hole in double bracket	Diameter of bracket bolt	Distance, top of doors to bottom of track	
			Per pair												
Number	Price, per pair	Number	Price	Wgt., lbs.		Price	Shipping Weight, lbs.							Minimum	Maximum
27½B-1 K. J.	$4.70	27½B-1	$3.25	9	31	$0.19	1.6	400	1¾-2"	3¾"	4¾"	2¾"	½"	⅞"	2⅜"
27½B-2 K. J.	4.70	27½B-2	3.25	9	31	.19	1.6	400	2¼-2¾"	3¾"	4¾"	2¾"	½"	⅞"	2⅜"
28½B-1 K. J.	6.00	28½B-1	4.00	11	32	.28	2	500	1¾-2"	4¼"	4 15/16"	3¼"	½"	⅞"	2"
28½B-2 K. J.	6.00	28½B-2	4.00	11	32	.28	2	500	2¼-2¾"	4¼"	4 15/16"	3¼"	½"	⅞"	2"
29½B-1 K. J.	6.60	29½B-1	4.60	14	232	.34	2.8	600	1¾-2"	4 11/16"	5 7/16"	3½"	⅜"	⅞"	1¾"
29½B-2 K. J.	6.60	29½B-2	4.60	14	232	.34	2.8	600	2¼-2¾"	4 11/16"	5 7/16"	3½"	⅜"	⅞"	1¾"
123½B-1 K. J.	8.20	123½B-1	6.20	25	33	.44	3.1	800	1¾-2"	5"	5 15/16"	3½"	¾"	1⅛"	3"
123½B-2 K. J.	8.20	123½B-2	6.20	25	33	.44	3.1	800	2¼-3"	5"	5 15/16"	3½"	¾"	1⅛"	3"
150½B-1 K. J.	8.40	150½B-1	6.40	25	33	.44	3.1	1000	1¾-2"	5"	5 15/16"	3½"	¾"	1⅛"	3"
150½B-2 K. J.	8.40	150½B-2	6.40	25	33	.44	3.1	1000	2¼-3"	5"	5 15/16"	3½"	¾"	1⅛"	3"

List Price of Compound Curves

	For No. 31 track	For No. 32 track	For No. 232 track	For No. 33 track
No. 1 Compound Curve.....	$7.00	$7.50	$8.00	$9.00

LOCKS AND BOLTS

Number	Price	Shipping Wt., lbs.
524-1 Bolt, each.....	$0.90	3
524-2 Bolt, each.....	1.20	4
616 Bolt, each.....	1.70	3½
510 Lock, each.....	3.75	6
525 Lock, each.....	3.75	4

Locking Bolts for Flush Door Equipments

Plan, Fig. A-620—1 No. 525 Lock to lock one door from both inside and outside, and 1 No. 524 Bolt to lock one door from the inside only.

Plan, Fig. A-621—2 No. 525 Locks to lock doors from both inside and outside, and 2 No. 524 Bolts to lock doors from the inside only.

Plan, Fig. A-622—(a) 1 No. 525 Lock or 1 No. 510 Lock to lock one door from both inside and outside, and 1 No. 524 Bolt to lock one door from the inside only.
(b) 2 No. 525 Locks to lock doors from inside and outside, or 2 No. 510 Locks to lock doors from inside and outside.
(c) 1 No. 525 or No. 510 Lock to lock one door from the inside and outside and 1 No. 616 Bolt to lock one door from the inside only.

Directions for Ordering

State—Total width of opening. Number of doors, width and height of each door: thickness of doors. Refer to plan as given above and send sketch showing whether right or left hand doors. State items of hardware wanted.

Example Order—1 opening 16 feet wide. 2 flush doors 8 feet 2 inches wide, 8 feet high, 1¾ inches thick, sliding to one side of doorway Fig. A-620 (Doors Right Hand). 2 No. 2x31 Brackets, 3 No. 1x31 Brackets, 1 No. 23x31 Bracket, 8 No. 22x31 Brackets, 1 No. 272 Floor End Door Guide, 1 No. 372 Door Guide, 1 No. 81-1 Bow Handle, 1 No. 1 c. c x 31 Right Hand Compound Curve, 1 No. 525 Lock, 1 No. 524-1 Cane Bolt, 1 pair No. 27½B-1 K. J. Hangers, 1 pair No. 27½B-1 Hangers.

Note—If wicket entrance door is wanted, see page 20 for details and prices of hardware.

Discount.....

No. 1100
R-W Stewart Electric Door Opener and Closer

Illustrated Operating No. 1035 R-W Sliding-Folding Garage Door Outfit

Patented

Fig A-623

This device will save time and labor expense in any building where the doors must be opened and closed a number of times a day. In public garages this device can be operated by the stenographer or office clerk without interfering with their duties and avoid any possibility of keeping patron waiting.

The only mechanical door opener and closer on the market with which the complete opening or closing movement need not be completed to reverse.

The R-W Electric Door Opener and Closer consists of a driving unit, relay, limit switches, push button controllers, pulleys, sprockets, attachments to doors and the necessary driving cables or chains.

The Driving Unit consists of a special wound reversing motor, reduction gears operating in a grease tight case, releasing clutch and the winding drum for cable or sprocket for chain. The motors are rated as ¼, ⅓, and ½ H. P. and are wound to give a high starting torque. The rotor shafts of the motors and the worm shaft of the reducing gears are mounted on ball bearings. The motors are furnished for a 110 Volt, 60 Cycle, Single Phase, A. C.; 220 Volt, 60 Cycle, Single Phase A. C.; 110 Volt D. C. or 220 Volt D. C. The relay consists of two solenoids made to correspond with current and voltage of motor, properly wired to control the current for the opening and closing operation of the door. The relay is enclosed in a steel protected box. The limit switches automatically shut off the current when the doors reach the maximum open or closed position. Three sets of push buttons are regularly furnished with each operator. Each set has three buttons, one to control the opening movement, one to control the closing movement and the third to stop the doors in any position. The control buttons can be placed at any point in the building. Will save money and heat, eliminate waste time and give patrons prompt service. It is all above the door level and does not occupy any valuable space. It is furnished complete and can be installed by any electrician.

Can be arranged to operate almost any kind of a door. With No. 1035 R-W Sliding Folding-Garage Door Outfit as shown above, furnishes the most perfect garage door arrangement on the market.

Blue prints furnished on request.

Directions for Ordering

Send Sketch showing all dimensions as follows:

1. Number of openings.
2. Width of opening.
3. Height of opening.
4. Thickness of doors.
5. Distance jamb to side wall, right side.
6. Distance jamb to side wall, left side.
7. Distance top of door to nearest obstruction or ceiling. (If arched doors, measure from highest point and give rise of arch).
8. Is electric current direct or alternating.
9. Give voltage, cycle and phase.
10. State kind of door; single swing, pair of swing, single slide, pair of slide, or "Slidetite" folding doors.

Swing doors always swing in.

R-W No. 1100

CONTINUED

There is no question of the superiority of sliding doors for garage use. Their installation gives free and unobstructed use of the entrance without danger of injury to the auto or truck when passing through the opening.

The installation shown in the illustration on the right is a very large and heavy door, weighing about 3,200 pounds. It would be impossible to hang this door in any other way and get satisfactory service. There are four No. 149 R-W Ball-Bearing Trolley Hangers used, two hangers on each end of the door, operating in No. 145 R-W Angle Iron Tread Trolley Track. These hangers and the trolley track are designed for heavy work of this kind.

The R-W Stewart Electric Door Opener and Closer handles this massive door with ease, opening and closing it by a push on the button.

See opposite page for Directions for Ordering.

The illustration below shows a double sliding door arrangement equipped to be operated by the R-W Stewart Electric Door Opener and Closer. These doors slide one to the right and one to the left and enable the builder to close a wide opening with two doors of medium size and weight rather than the very wide and heavy single door which would otherwise be required.

The illustration gives a very clear view of the motor, relay, limit switches and push buttons, trolley track and hangers, showing how they are above the door, away from possible accident, and occupying no valuable space.

These doors slide flat against the wall on either side of the opening and take up practically no floor space.

See opposite page for Directions for Ordering.

Fig. A-624—Operating Single Sliding Door

Fig. A-625—Operating Double Sliding Doors

Fig. A-626—Operating Single Swinging Doors

R-W No. 1100

Stewart Electric Door Opener and Closer

CONTINUED

The R-W Stewart Electric Door Opener and Closer can be installed to operate swing doors, in old buildings where the doors are already in place, and in new buildings where swing doors are to be used. The illustration on the left is a very good example of a single swing door installation. Note how the motor, relay and the other parts of the outfit are all above the door out of the way.

In the case of swing doors, certain room is required between the door when open and the wall it opens against. If the information asked for under Directions for Ordering on Page 50 is given us complete, the outfit can be sent from the factory ready to be installed with very little unnecessary trouble.

In some cases the entrance may be so located in the building that the space between the door when opened and the wall it opens against is not the proper distance to place the motor, cable, winding drum and cable pulleys. The illustration below of a double swing door installation shows an arrangement of this kind. In this case it was found necessary to place the motor, cable, cable pulleys and winding drum out in front and to the side of the opening, so that the proper leverage could be applied to the doors to handle them in the opening and closing movements. The outer ends of the doors are supported by special hangers which operate in the curved I-Beam Track.

Such door arrangements as the above may be found in old buildings and in new buildings where proper allowance has not been made in planning the entrance for the R-W Stewart Electric Door Opener and Closer.

By taking the question up with us, with the information asked for under Directions for Ordering on Page 50, unnecessary expense can be avoided.

Fig A-627—Operating Double Swinging Doors

R-W No. 463
Pit Automobile Turntable

Ball-Bearing

The construction of the R-W Pit Turntable makes it particularly suitable for public garages where a wide variety of cars approach the turntable from all directions.

Every backward motion of a motor car is hazardous to life, limb and property, and should be avoided whenever possible, especially where there are children on the premises. An automobile turntable should be used wherever safety and convenience are considered, where space is limited and where beauty of grounds is desirable.

Fig. A-628 Patent Pending

Dimensions and Prices

Diameter of pit, 14½ feet, depth, approximately 1 foot.
Diameter of wheels, 6½ inches.
Diameter of heavy angle steel track, 12 feet.
We furnish all steel and iron work, with wood timbers to which the plank top, or floor, is secured by screws or spikes, but we do not furnish the planking.
Shipping weight, complete as above, 1,000 pounds.
Price $450 00
Special sizes made to order. Prices quoted on application. Plans showing installation details furnished with outfit.

Discount . . . . . .

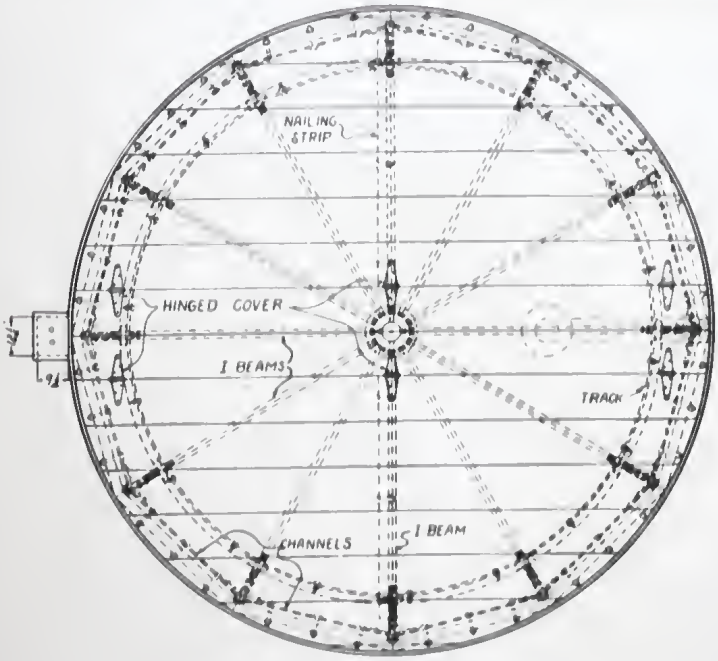


Fig. A-629

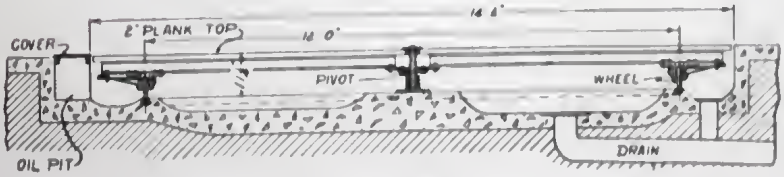


Fig. A-630

R-W Locks and Latch with Two Handles

For Garage Entrance Doors

The two locks and one latch shown on this page are especially adapted for locking the swinging entrance door in Slidetite installations and also for locking the swinging entrance door in Round Runner installations.

Each lock is furnished with two handles with latch thumb lift as shown in the illustration of the No. 550 lock, one handle for each side of the door.

R-W No. 550 Cylinder Lock. This cylinder lock is furnished with two handles, latch thumb lift and two keys as illustrated. It is made with one cylinder for locking doors from outside only; or with two cylinders for locking doors from both sides. The face of the lock and the cylinders are made of solid polished bronze. The mortise case is finished in black japan and is 5½ inches high, 3¾ inches deep, ¾ inch thick. The face of the lock is 7¾ inches long by 1¼ inches wide. The distance from the face of the door to the center of the handle is 2¾ inches.

No. 550 Cylinder Lock

Handles are finished in polished brass or japan.

Packed one lock in metal-edged carton.

Note—In ordering this lock, state thickness of door so that we may furnish cylinder of proper length.

List Price

	List Price	Shpg. Wt.
One No. 550 Cylinder Lock, complete with one cylinder only and polished brass handles...	$24.00	5 lbs.
One No. 550 Cylinder Lock, complete with one cylinder only and japanned handles.....	20.00	5 lbs.
One No. 550 Cylinder Lock, complete with two cylinders and polished brass handles	30.00	5 lbs.
One No. 550 Cylinder Lock, complete with two cylinders and japanned handles.....	25.00	5 lbs.

No. 550
Handles and Lock Installed

R-W No. 450 Three-Tumbler Lock. Locks door from both sides. Furnished with two japanned handles same as shown in illustration of No. 550 lock, latch thumb lift and two flat bit keys. Solid bronze latch and bolt.

Mortise case, japan finish, 4 inches high, 3⅛ inches deep, 11/16 inch thick. Distance from face of door to center of handle 2⅛ inches. Face of lock 6½ inches long by 1⅛ inches wide.

Packed one lock in metal-edged carton.

	List Price	Shpg. Wt.
One No. 450 Three-Tumbler Lock, complete....	$5 00	4¾ lbs.

No. 350 Latch

R-W No. 350 Latch. Japan finish. Furnished with two handles and latch thumb lift as shown in illustration of No. 550 lock.

Mortise case 2¾ inches high, 2¾ inches deep, 11/16 inch thick. Face plate 4½ inches long by 1 inch wide. Distance from face of door to center of handle 1¾ inches.

Packed one lock in metal-edged carton.

	List Price	Shpg. Wt.
One No. 350 Latch, complete	$3.00	4 lbs

Discount . . . . . .

No. 450 Tumbler Lock

R-W No. 517 Garage Cremone Bolt

Locks doors at both top and bottom with one movement of the lever handle.

So constructed that when bolted or unbolted the ends of connecting rods, where attached to the lever handle, are off center so that bolt maintains its position by gravity and cannot be changed except by moving the lever handle.

Made in one size, for doors 7 to 8 feet high, and furnished with extra sections one foot and two feet long for higher doors.

Packed regularly with screws and top and bottom keeper. The Patented Bottom Keeper is made with a lug against which the outside surface of the door strikes so that the bolt will always be in line with the opening in the keeper when the door is pushed tightly shut. Adjustable for different thicknesses of doors. Extra Flat Bottom Keeper is furnished so that the doors may be locked in open position.

List Price

No. 517 Bolt, adjustable for doors 7 to 8 feet high	$5.00
Extra Section, 1 foot long	.60
Extra Section, 2 feet long	80
Discount	

Directions for Ordering—State the following: First—Height of door. Second—whether sliding or swing door. Third—If swing door, does same overlap jamb or set in flush. Fourth—Whether doors swing in or out.

R-W No. 417 Top and Bottom Bolt

A Very Simple, Effective, Substantial Garage Door Bolt

The locking device consists of top and bottom spring bolts connected by chains, with an operating handle in the center of the door. Sufficient chain is furnished for doors up to 9 feet high. Extra bottom keeper furnished so that doors may be locked when in open position. Packed one in a box.

List Price

	Price	Shpg. Wt
No. 417 Top and Bottom Bolt	$3.40	2½ lbs.
Discount		

R-W No. 617
Garage Cremone Bolt

A simple, substantial, convenient and ornamental Cremone door bolt particularly designed for use on garage doors equipped with "Slidetite" folding-sliding garage door hardware, or garage doors hung on hinges.

The No. 617 Bolt is made in three principal sections; the center or locking section, and the top and bottom or adjustable bolt sections—the three sections being united by ½-inch connecting rods.

The bolt will retain its position positively either locked or unlocked—cannot be opened by jarring. It is made of steel, finished in black enamel.

Complete bolt for single or double "Slidetite" or hinged doors swinging inside of building is packed regularly in a neat and compact metal-edged fibreboard box 20½ inches long. Special keepers required for doors swinging out. Bolt as regularly packed is adjustable for doors up to 10 feet high. Extra sections 18 inches long furnished as ordered for higher doors. The bolt can be applied to doors with stiles as narrow as 3½ inches.

The patented Bottom Keeper is made with lug against which the outside surface of the door strikes so that the bolt will always be in line with the opening in the keeper when the door is pushed tightly shut. Adjustable for different thicknesses of doors.

Extra Flat Bottom Keeper included so that the doors may be locked in open position.

Movement of bolt is 1¼ inches in each direction. Twelve-inch adjustment is provided in top and bottom sections. Permanent adjustment is made when bolt is applied to the door.

The base plate of the center section is 12¾ inches long by 3⅜ inches wide. The base plate of top and bottom sections is 17½ inches long by 2⅞ inches wide. Maximum extension from surface of door is 2¾ inches.

No. 617 Bolt Applied

List Price

R-W No. 617 bolt packed complete as above, adjustable for doors up to 10 feet high, shipping weight, 14½ pounds, each $9.50

Extra 18-inch sections for lengthening No. 617 bolt to accommodate higher doors, shipping weight, 1 pound, each ..... .80

Discount .....

R-W No. 1125 Lock

R-W 1125 Garage Door Lock, to be used in locking the No. 617 Door Bolt from the outside, is automatically adjustable for doors from 1¾ inches to 3 inches thick. Minimum width of door stile 4 inches. Size of plate 4 inches by 4½ inches. Maximum extension from face of door ⅝ inch. Fourteen changes of keys. Packed complete in metal edge box with screws and two keys. Made of steel, finished in black enamel.

List Price

R-W No. 1125 Outside Lock for No. 617 bolt, packed complete as above, shipping weight, 1¾ pounds, each $3.00

Discount .....

R-W No. 514

Top or Bottom Spring Bolt for Garage Doors

Used as Top Bolt, Showing Various Applications of Keepers

Heavy Spring Bolt, designed especially for garage use. Can be used on sliding doors, right angle doors, sliding-folding doors, hinged doors swinging in or out. Made in two sizes. Reversible.

No. 514-1—The Housing is made of steel, 4⅝ inches long. Bolt proper ⅝ inches square end, and 5½ inches long over all. Chain 24 inches long with ring attached to end.

No. 514-2—The Housing is made of heavy steel, 9 inches long. Bolt proper ¾ inch square end, and 10 inches long over all. Chain 24 inches long with ring attached to end.

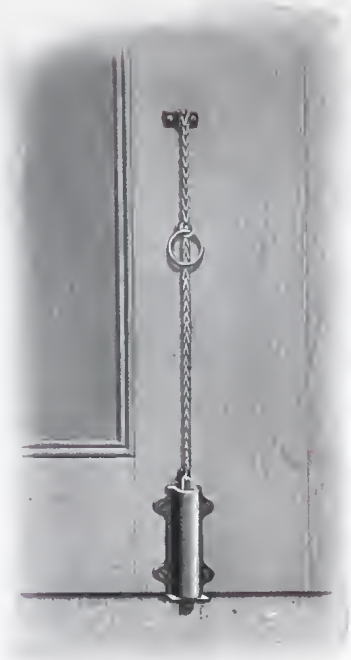
Finish, black enamel. Packed regularly, six in metal-edge box, complete with screws, two keepers, chain and clip for chain for each bolt.

Weight, per half dozen, No. 514-1, 7 pounds.

Weight, per half dozen, No. 514-2, 14 pounds.

List Price

No. 514-1 Top and Bottom Bolt, per dozen	$ 8.00
No. 514-2 Top and Bottom Bolt, per dozen	14.00
Discount	



Used as Bottom Bolt

R-W No. 524 Bottom Cane Bolt

An extra heavy, all steel bottom bolt for garage or warehouse doors.

As shown in illustration, bolt drops by gravity when the handle is lifted out of the socket.

Can be used with No. 514 top bolt.

No. 1 size, ⅝ inch diameter by 18 inches long.

No. 2 size, ¾ inch diameter by 24 inches long.

Packed two in metal-edge box with screws, keeper plates, brackets and guides. Weight, each, No. 1, 2½ pounds; No. 2, 4½ pounds.

List Price

No. 524-1 Bottom Bolt, per dozen	$ 9 00
No. 524-2 Bottom Bolt, per dozen	12.00
Discount	

R-W No. 516
Parallel Door Bolt and Lock

Patented

Designed especially for garage doors operating on parallel track, but may be used on single doors by inserting keeper casting in the jamb on side wall.

This bolt can be used with No. 235 Single Garage Doors.

Made of malleable iron and steel.

Suitable for doors 1¾ to 3 inches thick.

Lock is inserted in the stile of door, the key or bolt passing entirely through the stile of door on the inside track and into the keeper in the stile of the outside door.

When used with single doors, this bolt passes into the keeper inserted in the jamb.

By turning the handle, doors are drawn together and held in that position by a stop lug resting in notched section on the lock plate. This prevents turning of bolt or same being removed or doors opened.

When used on the outside of building, a padlock can be attached, thus providing a combined bolt and lock.

Doors should lap each other or jamb at least 2 inches.

Finish, regular black enamel; other finishes furnished on application. Packed one in metal-edge box, complete with bolts and screws.

Weight, each, 3 pounds.

List Price

No. 516 Parallel Garage Door Bolt, regular finish, each $1 50

Discount .....

R-W No. 616 Bolt

For locking parallel sliding doors from the inside only.

Made of malleable iron.

Reversible for right or left hand. Cup in which the lever is pivoted is mortised into one door of the pair, or into the jamb. Lever is held in place when door is unlocked by a spring clip.

Lugs on lever work on a cam shaped piece attached to the back edge of one door and the cam is so shaped that as the lever is drawn down, the doors are wedged together. When the lever is in horizontal position and the pivoted handle in the position shown on illustration, the doors are drawn as tight together as possible. Lever is stopped in the horizontal position by lug, so that it can not drop below this point.

Size of plate on flush cup, 8¼ inches high by 3½ inches wide. Cup is 1⅜ inches deep.

Suitable for doors 1¾ inches or more in thickness. Packed one in a box with screws.

List Price

No 616 Bolt ..... $1 70. Weight 3½ pounds

Discount .....

R-W No. 525

"Faultless" Sliding Door Lock

For Garages, Stables, Warehouses, Factories, Etc.
For Both Single and Double Doors

Made of steel and malleable iron.

For sliding doors, 1¾ inches thick or thicker, also suitable for right angle doors. Twenty-eight changes of keys. Lock, latch and flush door pull combined. Operated from either side of door. For single or double doors. Latch is released and door pulled open by same movement.

Latch piece and trip made of malleable iron. Steel flush cups. Steel keeper plate.

Mortise case, 4¾ inches high by 3¾ inches wide by ⅞ inch thick.

Finish, regular, rustless dead black. Other finishes can be furnished on application. Write for prices.

Packed, one lock in metal-edge box, complete with screws and templet for setting lock. Weight, 45 pounds per dozen.

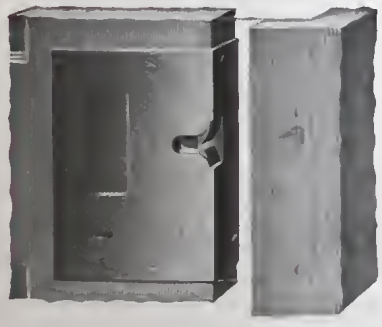
List Price

No. 525 Lock, regular finish, dead black, per dozen	$30.00
Discount	

R-W No. 510

"Nobreak" Sliding Door Lock

For Garages, Stables, Warehouses, Factories, Boat Houses, Etc.
For Both Single and Double Doors



Made of steel with malleable jaws.

The "Nobreak" Lock is made flush with the door on both sides and can be operated from both outside and inside. The act of closing the door latches it, and to unlatch it simply press back the hand-hole or flush pull cover with the fingers. The key is used only to lock or unlock the door. To latch or unlatch no key is necessary, the action being automatic with the opening or closing of the door.

The use of the blind screw studs on the outside makes lock practically burglar-proof. They are reversible, for either right or left-hand doors, single or double.

The "Nobreak" serves as a lock, latch, and door pull combined. The door, not the lock receives the blow when door strikes jamb. There are no projections on which to catch harness or clothing.

No. 1 size adjustable for doors, 1¾ to 2¼ inches; No. 2, 2½ to 3 inches thick. Width of lock, 5⅛ inches.

Packed one in metal-edge box, complete with screws, strike plate for doors, two keys and templet for setting lock.

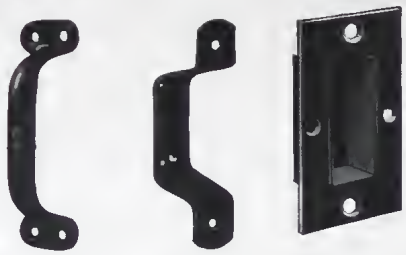
Special strike furnished for double doors. Keys are numbered for twelve changes to each dozen locks. On panel doors outer stiles should be 6 inches wide. Weight, 70 pounds per dozen.

List Price

No. 510 No. 1 or No. 2 Lock, regular finish, dead black, per dozen	$30 00
Discount	

Note—Locks sent for single doors in No. 1 size, unless otherwise specified.

Flush Pulls and Bow Handles



No. 81 Bow Handle — No. 71 Bow Handle — No. 70 Flush Pull

No. 70—Flush Pull made of steel in two sizes: No. 1, 6 inches long over all; No. 2, 7 inches long over all. Finish, black enamel. Packed ½ dozen in metal-edged box.

No. 71—Bow Handles made of steel in two sizes: No. 1, 6½ inches long over all; No. 2, 7⅜ inches long over all. Finish, black enamel. Bolt Holes register with Holes in No. 70 Flush Pulls. Packed one dozen in metal-edged box.

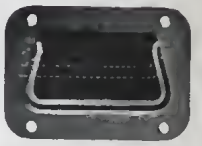
No. 81—Bow Handles made of grey iron in two sizes: No. 1, 6¼ inches long over all; No. 2, 8 inches long over all. Finish, black enamel. Packed one dozen in metal-edged box.

List Price

No. 70–1 Flush Pull, for doors up to 1¾-inch thick, Weight, each 1 pound, each	$0.20
No. 70–2 Flush Pull, for doors more than 1¾-inch thick, Weight, each, 1¼ pounds, each	.25
No. 71–1 Bow Handle, for doors up to 1¾-inch thick, Weight, each, 6 oz., each	.10
No. 71–2 Bow Handle, for doors more than 1¾-inch thick, Weight, each, ½ pound, each	.15
No. 81–1 Bow Handle, Weight each, ½ pound, each	.20
No. 81–2 Bow Handle, Weight, each, 1 pound, each	.34
Discount	

R-W No. 170 Flush Drop Handle

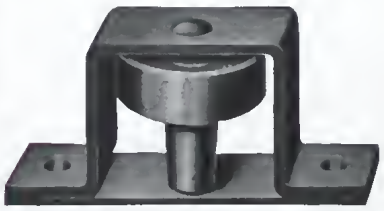
Designed Especially for Use with Right Angle Garage Doors



These pulls are used with any sliding door where a secure grip is desired. Made of steel. Handle furnishes a secure grip and drops by gravity out of the way. Size of plate, 3¾ inches by 5¼ inches. Finished black enamel. Packed, one dozen in metal-edge box, complete with screws. Weight, 6½ pounds per dozen.

List Price

No. 170 Flush Drop Handle, per dozen	$3.60
Discount	



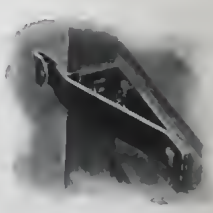
R-W No. 54 "Favorite" Steel Barn Door Stay Roller

Commonly used on inside sliding doors, where stay roller can be attached to floor. Wheel, grey iron, 2½ inches diameter and covered with steel frame. Finish, black japan. Packed one dozen in metal-edge box. Weight, per dozen, 27 pounds.

List Price

No. 54 Stay Roller, per dozen	$3.50
Discount	

R-W No. 89 Door Binder and Stop



Made of three pieces of steel. Brace is pivoted, allowing first lag screw to be put in easily. Adjustable for doors 1¾ to 3 inches thick. End is flared to readily receive the door. May be used at front and back of door. Should be attached with 7/16-inch lag screws or bolts. Finish, black japan. Packed in bulk. Weight, per dozen, 19 pounds.

List Price

Price, per dozen	$4.00
Discount	

R-W No. 154 Heavy Steel Warehouse Stay Roller

Especially designed for use on heavy garage, warehouse and freight-house doors. Extra heavy construction. Wheel protected on all sides except door side with heavy steel frame.

Wheel, grey iron, 3½ inches diameter. Steel frame has screw holes slotted, providing a means for adjustment. Finish, black japan. Packed in bulk. Weight per dozen, 60 pounds.

List Price

Per Dozen	$14 40
Discount	

R-W Floor Door Stops and Guides

R-W No. 171 Cast Floor Center Stop

Made in Three Sizes

Floor stop for use with pairs of sliding-doors. Can be fastened to floor or imbedded in concrete. Made of grey iron. Finish, black japan.

List Price

No. 171–1 For doors 2 inches thick, Weight 44 pounds, per dozen $6 00
No. 171–2 For doors 2½ inches thick, Weight 48 pounds, per dozen 7 50
No. 171–3 For doors 3 inches thick, Weight 54 pounds, per dozen 9 00

Discount .....

R-W No. 172 Adjustable Parallel Door Floor Guide

Made in Two Sizes

For use with parallel sliding doors. No. 1 size for double parallel doors, No. 2 size for triple parallel doors. Guides the bottom of the doors and prevents chafing. Finish, black enamel.

Suitable for use with concrete or wood floors. When used with concrete floors, base should be set into the concrete about ¾-inch.

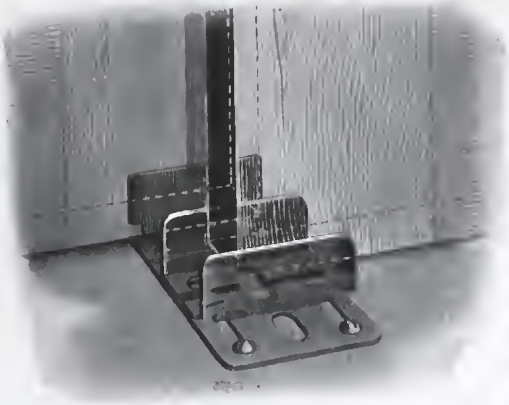
Adjustable for doors 1¾ to 3 inches thick.

Weight, No. 1, 5 pounds; No. 2, 7 pounds each.

List Price

No. 172–1 Adjustable Double Parallel Door Floor Guide, with screws, each $1.50
No. 172–2 Adjustable Triple Parallel Door Floor Guide, with screws, each. 2.50

Discount .....



No 172-1

R-W No. 372 Door Guide

For use with flush and parallel garage doors. Holds the bottom of the door close to the wall in either open or closed position. Requires only working clearance between the doors. Suitable for use with concrete or wood floors. When used with concrete floors, base should be set into the concrete about ¾-inch. End beveled to prevent injury to the door. One-fourth inch thick, 6 inches wide. Packed with screws.

List Price

No. 372 Door Guide, Shipping Weight, 1 pound, each .. $0 50

Discount .

R-W No. 271 Adjustable Floor Center Door Guide

For use with pairs of sliding garage doors. Guides the bottom of doors and holds same in place when closed. Made of steel and grey iron. Finish, black enamel.

Suitable for use with concrete or wood floors. When used with concrete floors, base should be set into the concrete about ¾-inch.

Adjustable for doors 1¾ to 3 inches thick Weight 4 pounds.

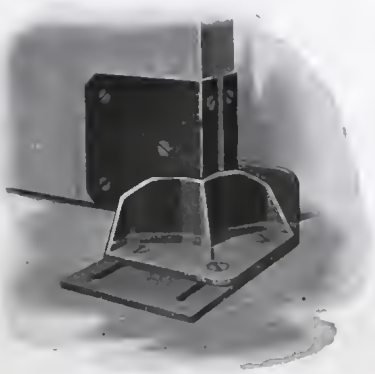
List Price

No. 271 Adjustable Floor Center Door Guide, with screws, each $0.80
No. 435–72 Steel Bumper Shoe, each ..... .10

Discount .....

Note—Two Bumper Shoes are used on each end of door. Specify on order if same are desired.

R-W No. 272 Adjustable Floor End Door Guide



For use with sliding right angle garage doors. Holds the bottom of doors in position when either opened or closed. Made of steel and grey iron. Finish, black enamel.

Suitable for use with concrete or wood floors. When used with concrete floors, base should be set into the concrete about ¾-inch.

Adjustable for doors 1¾ to 3 inches thick. Weight, 3 pounds.

List Price

No. 272 Adjustable Floor End Door Guide, with screws, each $0 60
No. 435–72 Steel Bumper Shoe, each ..... .10

Discount .....

Note—Two Bumper Shoes are used on each end of door. Specify on order, if same are required.

R-W No. 736
Door Guide and Weather Strip

Helps Keep the Garage Warm

With this construction, door can be hung to clear floor, and the steel strip on door completely covers and protects the opening, also prevents doors from warping. Spread washers between side strips of lower guide, in floor, hold groove open. The clear openings in the groove between these spread washers allow water and dirt to drop between the floor strips and drain off through cinder bed.

Especially desirable for parallel doors; prevents their chafing. Made of heavy steel and can be set into concrete or wood floor. Finish, black japan. Steel door strip is 4 by 3/16 inches; floor strips, 3½ by ⅜ inches. Bolts are spaced on 24-inch centers. Weight: Door strip, per 100 feet, 250 pounds; floor guide strips, 900 pounds.

Note—When ordering state: Thickness and width of door, whether single, double or triple parallel doors and width of opening. Always send floor plan.

List Price

No. 736—Door Guide and Weather Strip, complete, per foot . . . $1 00

Discount

R-W No. 737 Door Guide and Weather Strip

This is the same as above but of lighter construction. Door strip, 3½ inches by 10 gauge; floor strips, 3½ by 3/16 inches. Finish, black japan. Weight, door strip, per 100 feet, 150 pounds; floor guide strips, 450 pounds.

When ordering state thickness and width of door, whether single, double or triple parallel doors and width of opening.

List Price

No. 737—Door Guide and Weather Strip, complete, per foot $0 60

Discount

R-W No. 738 Guide Plate

Used on parallel doors. Prevents doors from swinging and chafing. Must be used with guide strips attached to the floor. Made of steel 6 inches wide, ¼ inch thick, 11 inches long. Finish, black enamel. Packed in bulk. Weight, each, 4 pounds.

List Price

No. 738—Guide Plate, each $0 50

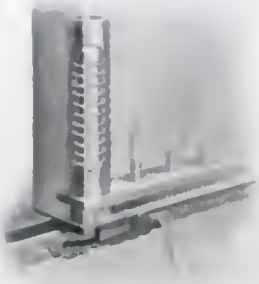
Discount

R-W No. 635 Floor Guide

The No. 635 Floor Guide can be advantageously installed in connection with some installations of "SlydaSyde" and "CornR-Wise" equipment where hardware is desired for holding the back edge of the door against the casing when it is closed.

This No. 635 Floor Guide Equipment consists of: (1) a guide, No. 635 F. G., mortised into the bottom of the door at the back edge; (2) grooved floor guide track, No. 635-TK, extending from the back edge of the door in closed position and following the line of the overhead track around the corner inside the building along the side wall to a point directly below the end of the door hanger track, including (3), Floor Guide Corner Curve, No. 635-S, of the same radius as the overhead track curve, with which it runs in juxtaposition.

Where two doors hinged together slide in the same direction, the floor guide installation is the same as for one door, the equipment being identical with that stated in the above paragraph.



No. 635 F. G. Floor Guide and Floor Guide Track

List Price

No. 635-TK—Floor Guide Track, per foot, ⅝ pound	$0 12
No. 635-C—Floor Guide Track Curve, each, 1 pound	60
No. 635-F. G.—Floor Guide, each	80

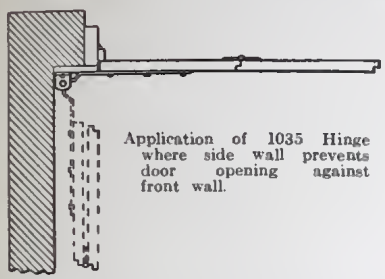
Discount

R-W No. 1035

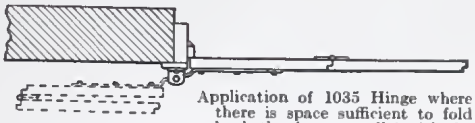
Heavy Offset Hinge with Surface Pintle

Patented

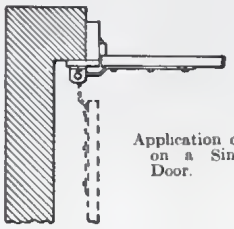
No. 1035 Special Heavy Service Hinge



Application of 1035 Hinge where side wall prevents door opening against front wall.



Application of 1035 Hinge where there is space sufficient to fold back the doors parallel with the front wall.



Application of 1035 Hinge on a Single Swinging Door.

Designed especially for garage doors, warehouse doors, factory doors and other heavy doors which it is desired to swing back of the jamb clear of the opening. 18-inch and 24-inch straps, made of ¼-inch wrought steel, 30-inch and 36-inch straps, made of 5/16-inch wrought steel, 2½ inches wide. Furnished with an adjustable clip which can be bolted to the door near the edge regardless of the distance the pintle is set beyond the jamb.

Pintle is 2½ inches wide with loose pin, ½ inch in diameter.

Packed in bulk or one pair in a box, with ⅜-inch by 3¼-inch carriage bolts. Black japan finish.

List Price

Size of Strap	Packed in Box with Carriage Bolts	Packed in Bulk without Carriage Bolts	Shipping Weight, Pounds
2½ inches x 18 inches, per pair	$4 00	$3 70	12
2½ inches x 24 inches, per pair	4 50	4 20	14
2½ inches x 30 inches, per pair	5 00	4 70	16
2½ inches x 36 inches, per pair	5 50	5 10	18

Discount.....

R-W No. 1036

Heavy Strap Hinge with Mortise-Pintle

Designed especially for large swing doors. Made of wrought steel, in various sizes. Anti-friction bronze washer and ½-inch Riveted Pintle Pin. Black japan finish.

Packed in bulk or one pair in box with 5/16-inch by 3¼-inch Carriage Bolts.

List Price

Size of Strap	Height of Pintle	Packed in Box with Carriage Bolts	Packed in Box without Carriage Bolts	Shipping Weight, Pounds
2½ inches x 10 inches	6 inches ... per pair	$3 40	$3 20	6½
2½ inches x 12 inches	6 inches ... per pair	3 50	3 30	7
2½ inches x 18 inches	6 inches ... per pair	3 80	3.50	8½
2½ inches x 24 inches	6 inches ... per pair	4 30	4 00	10
3 inches x 30 inches	7 inches ... per pair	4 80	4 50	12½
3 inches x 36 inches	7 inches ... per pair	5.40	5 00	15

Discount.....

R-W No. 435

Wrought Steel Surface Hinges

Made of wrought steel in two sizes: 4 inches by 5 inches, twelve gauge; and 5 inches by 7 inches, eleven gauge. Black enamel finish. Packed one pair in a box—4 inches by 5 inches size, with screws; 5 inches by 7 inches size, with round head stove bolts.

List Price

	Shipping Weight	List Price
No. 435—Size 4 x 5, per pair	1¼ pounds	$0.80
No. 435—Size 5 x 7, per pair	4½ pounds	1.40

Discount.....

R-W No. 836

Wrought Steel Offset Surface Hinge

Made of wrought steel in two sizes: 4 inches by 5 inches and 5 inches by 7 inches. Hinge eye is offset to allow 1½ inches between doors when folded. Black enamel finish. Packed one pair in a box—4 inches by 5 inches size, with screws; 5 inches by 7 inches size, with round head stove bolts.

List Price

	Shipping Weight	List Price
No. 836—Size 4 x 5, per pair	2 pounds	$1 00
No. 836—Size 5 x 7, per pair	5 pounds	1 60

Discount.....

R-W No. 311

Half Surface Ornamental Butt Hinge

Made of wrought steel, in one size only: 4 inches wide. Center of hinge pin is 3¾ inches from the edge of the jamb and the hinge extends 4½ inches on the face of the door. This gives sufficient offset to allow two doors each 1¾ inches thick to stand flush with the jamb when opened at a 90 degree angle. Black enamel finish. Packed one pair in a box with screws.

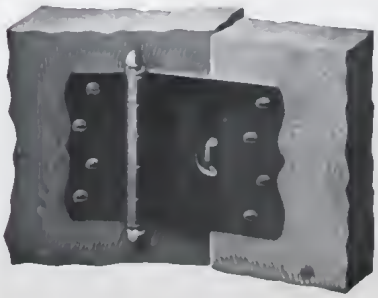
List Price

	Shipping Weight	List Price
No. 311—Half Surface Hinge, per pair	3¾ pounds	$1 60

Discount.....

R-W No. 635

Wrought Steel Surface Hinge



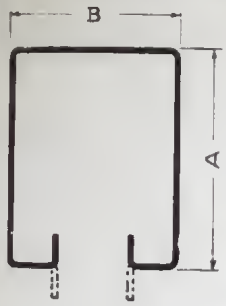
For use where doors are hinged together and run around an inside corner on curved track. Made of 12 gauge wrought steel, 4 inches wide; one leaf 4 inches long, and the other leaf 2 inches long. Black enamel finish. Packed one pair in a box with screws.

List Price

	Shipping Weight	List Price
No. 635—Surface Hinge, per pair	2 pounds	$1 20

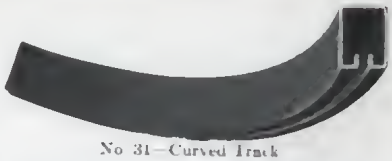
Discount.....

R-W Trolley Track and Trolley Track Bracket



Track No.	Gauge No.	A	B	Track No.	Wt. lbs	Unit	Black Straight	Black Curved
31	16	2 3/8"	1 7/8"	31	1 6	Per ft	$0 19	$1 20
35	14	2 4/8"	1 7/8"	35	2 1	Per ft	19	
32	14	2 7/8"	2"	32	2 4	Per ft.	28	1 60
33	13	3 7/16"	2 15/16"	33	3 1	Per ft.	44	2 00
232	14	3 7/16"	2 3/8"	232	2 8	Per ft.	31	1 80

Note—Dotted Lines show Lip on No. 35 track only



No 31—Curved Track

No. 31—Trolley Track

Discount

1

2

5

Number of Feet Straight Track in 90 Degree Curves.

2 feet 0 inch Radius	3 1416 feet
2 feet 6 inch Radius	3 9270 feet
3 feet 0 inch Radius	4 7124 feet
3 feet 6 inch Radius	5 4976 feet
4 feet 0 inch Radius	6 2833 feet

Note Curves cannot be satisfactorily bent to a shorter radius than 2 feet

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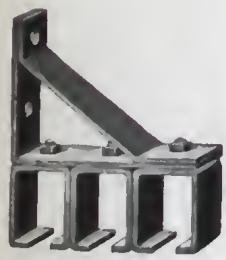

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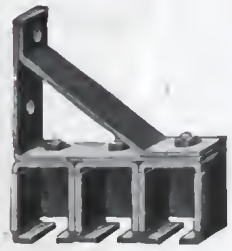

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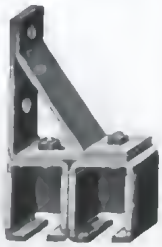

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Numbers, Description and List Prices, Cover Brackets in Black Enamel Finish

Important—Always specify catalog number of track for which brackets are desired. Example. A No 1 style bracket for No 31 track is wanted Show as follows 1x31 bracket; if for No. 33 track, show 1x33 bracket, etc

Bracket Number	DESCRIPTION	For Track Number 31 Price	31 Shipping Wt. lbs.	35 Price	35 Shipping Wt. lbs	32 Price	32 Shipping Wt. lbs	232 Price	232 Shipping Wt. lbs	33 Price	33 Shipping Wt. lbs
1	Side Center Bracket, each	$0 16	1	$0 16	1	$0 28	1 1/2	$0 34	2	$0 44	2 1/4
2	Side Right or Left End Bracket, each	16	1	16	1	28	1 1/2	34	2	44	2 1/4
5	Cross Ear Ceiling Center Bracket, each	16	1 1/2	16	1 1/2	28	2	34	2 1/4	44	4
6	Cross Ear Ceiling Right or Left End Bracket, each	16	1 1/2	16	1 1/2	28	2	34	2 1/2	44	4 1/4
7	Parallel Ear Ceiling Center Bracket, each	16	1 1/4	16	1 1/4	28	1 1/2	34	2 1/2	44	4
8	Parallel Ear Ceiling Right or Left End Bracket, each	16	1 1/2	16	1 1/2	28	1 3/4	34	2 3/4	44	4 1/4
9	Cross Ear, Ceiling Center Stop Bracket, each	50	3 1/2	50	3 1/2	70	4	80	6	1 00	7
10	Parallel Ear Ceiling Center Stop Bracket, each	50	2 1/2	50	2 1/2	70	3 1/4	80	5 1/4	1 00	7
11	Plain Ceiling Center Stop Bracket, each	50	2 3/4	50	2 3/4	70	3	80	4 1/2	1 00	6
12	Side Center Stop Bracket, each	50	3 1/2	50	3 1/2	70	4	80	5	1 00	5 3/4
13	Side Double Half Center Stop Bracket, each	1 00	7 1/2	1 00	7 1/2	1 40	9	1 60	11	2 00	22
18	Plain Ceiling Center Bracket, each	16	1 1/2	16	1 1/2	28	1 3/4	34	2	44	4 1/4
19	Plain Ceiling Right or Left End Bracket, each	16	1 1/2	16	1 1/2	28	1 3/4	34	2	44	4 1/4
22	Side Double Center Bracket, each	50	4	50	4	70	5	90	6 1/2	1 00	9
23	Side Double Right or Left End Bracket, each	50	4	50	4	70	5	90	6 1/2	1 00	9
33	Side Triple Center Bracket, each	80	5 1/2	80	5 1/2	1 00	7	1 30	8 1/2	1 50	13
34	Side Triple Right or Left End Bracket, each	80	5 1/2	80	5 1/2	1 00	7	1 30	8 1/2	1 50	13 1/2

Discount

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